

AD A 074679

USAFETAC/DS-79/060

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

OFFUTT AFB NE

WBAN# 14949

N 41 07 W 095 55 FLD ELEV 1048 FT OFF WMO # 72554

PARTS A-F

FOR FROM HOURLY OBS: DEC 68 - NOV 78

FOR FROM DAILY OBS: DEC 48 - NOV 78

JUN 21 1979

FEDERAL BUILDING
ASHEVILLE, N. C.

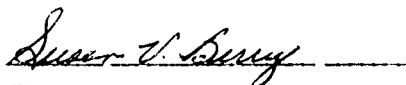
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| INVENTORY |

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

| REPORT DOCUMENTATION PAGE | | READ INSTRUCTIONS BEFORE COMPLETING FORM |
|---|----------------------|---|
| 1 REPORT NUMBER | 2 GOVT ACCESSION NO. | 3 RECIPIENT'S CATALOG NUMBER |
| USAFETAC/DS- 79/060 | | |
| 4 TITLE (and Subtitle) | | 5 TYPE OF REPORT & PERIOD COVERED |
| Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Offutt AFB, Omaha, Nebraska | | Final rept. |
| | | 6 PERFORMING ORG REPORT NUMBER |
| 7 AUTHOR(s) | | 8 CONTRACT OR GRANT NUMBER(s) |
| 9 PERFORMING ORGANIZATION NAME AND ADDRESS | | 10 PROGRAM ELEMENT PROJECT TASK AREA & WORK UNIT NUMBERS |
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| 17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report) | | |
| 18 SUPPLEMENTARY NOTES | | |
| 19 KEY WORDS (Continue on reverse side if necessary and identify by block number) | | |
| *RUSSWO | Daily temperature | Atmospheric pressure |
| Snowfall | Extreme snow depth | Extreme surface winds |
| Climatology | Sea-level pressure | Psychrometric summary |
| Surface Winds | Extreme temperature | Ceiling versus visibility |
| Relative humidity | *Climatological data | (over) |
| 20 ABSTRACT (Continue on reverse side if necessary and identify by block number) | | |
| This report is a six-part statistical summary of surface weather observations for Offutt AFB, Omaha, Nebraska It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)) | | |

DD FORM
1 JAN 73 1473

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Nebraska

* Offutt AFB NE

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV.

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods, corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

| STATION NO OR SUMMARY 14949 | | STATION NAME OFFUTT AFB NE/OMAHA | | LATITUDE N 41 07 | | LONGITUDE W 095 55 | | FIELD ELEV (FT) 1048 | | CALL SIGN OFF | | RMO NUMBER 72554 | |
|--|------------------------------|-------------------------------------|------------------|---------------------|----------|-----------------------|---------------------|-------------------------|-------------------|------------------|--|---------------------|--|
| STATION LOCATION AND INSTRUMENTATION HISTORY | | | | | | | | | | | | | |
| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | OBS PER DAY | | | | |
| | | | FROM | TO | | | FIELD (FT) | HT BARD | | | | | |
| 1 | Offutt Fld, Omaha, NE | AAF | Jan 48 | May 48 | N41 07 | W095 54 | 1049 | 1046 | 24 | | | | |
| 2 | Offutt AFB, Ft Crook, NE | AFB | Jun 48 | Feb 49 | Same | Same | Same | 1023 | 24 | | | | |
| 3 | Offutt AFB, Omaha, NE | Same | Mar 49 | Feb 62 | Same | Same | Same | Same | 24 | | | | |
| 4 | Same | Same | Mar 62 | Dec 70 | Same | W095 55 | 1047 | 1030 | 24 | | | | |
| 5 | Same | Same | Jan 71 | Aug 77 | Same | W095 54 | Same | Same | 24 | | | | |
| 6 | Same | Same | Sep 77 | Jun 78 | Same | Same | 1048 | Same | 24 | | | | |
| 7 | Same | Same | Jul 78 | Feb 79 | Same | W 095 55 | Same | 1078 | 24 | | | | |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|--------------------------|----------------------|---|------------------------|---------------------|--------------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1 | Jan 48 | Located on control tower. | Selsyn | N/A | 57 ft | |
| 2 | Apr 54 | Located on a Radar tower next to the weather station. | GMQ-1 | N/A | 65 ft | |
| 3 | Apr 55 | Located 10 ft S of bldg 29. | Same | ML-204B | 58 ft | |
| 4 | Jul 57 | Located 300 ft N of intersection of runways 12-30 and 03-21. | GMQ-11 | RO-2 | 15 ft | |
| 5 | Mar 62 | Located 550 ft N of intersection of runways. | Same | Same | 10 ft | |
| 6 | Feb 64 | 1. Located 500 ft SW of centerline and 600 ft NW of end of runway 30. 2. Located 350 ft NE of centerline and 1000 ft SE of active runway 12. | Same | Same | 13 ft | |
| | | | Same | | Same | |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|--------------------------|----------------------|--|------------------------|---------------------|--------------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 7 | Dec 70 | 1. Located 550 ft SW of centerline and 2622 ft from end of runway 30. 2. Located 350 ft NE of centerline and 1450 ft from end of runway 12. | GMQ-20 | RO-362 | 13.5ft | |
| | | | Same | | 13 ft | |
| 8 | Feb 79 | 1. Same 2. Same | Same Same | Same | Same Same | |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/11AC

WEATHER CONDITIONS

14949
STATION

DEPUTT AFB NE
STATION NAME

9-78
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | 00-02 | | 1.1 | 2.4 | 9.4 | | 12.6 | 12.6 | 4.7 | 2.2 | | 17.1 | 930 |
| | 03-05 | | .4 | 2.4 | 9.4 | | 11.8 | 14.1 | 6.2 | 1.5 | | 17.7 | 930 |
| | 06-08 | | 1.2 | 1.2 | 12.0 | | 14.0 | 14.9 | 7.3 | 1.7 | | 19.2 | 930 |
| | 09-11 | | .8 | .6 | 11.3 | | 12.6 | 13.5 | 11.0 | 1.4 | | 21.7 | 930 |
| | 12-14 | | 1.6 | .5 | 8.2 | | 10.0 | 9.6 | 8.2 | 1.3 | | 16.7 | 930 |
| | 15-17 | | 1.5 | .8 | 8.8 | | 10.6 | 7.7 | 5.8 | 1.7 | .1 | 13.7 | 930 |
| | 18-20 | | 1.6 | 1.0 | 8.9 | | 10.9 | 8.5 | 5.4 | 1.7 | | 13.3 | 930 |
| | 21-23 | | 1.7 | 1.4 | 9.2 | | 12.3 | 10.8 | 4.3 | 1.9 | | 14.1 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | 1.2 | 1.3 | 9.7 | | 11.9 | 11.5 | 6.6 | 1.7 | .0 | 16.7 | 7440 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949
STATION

OFFUTT AFB NE
STATION NAME

69-70

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DPIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR H. F.E | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|---------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| FEB | 00-02 | | 1.7 | .2 | 11.1 | | 12.8 | 12.0 | 4.5 | 1.3 | | 15.0 | 446 |
| | 03-05 | .2 | 2.8 | .6 | 9.7 | | 12.3 | 16.0 | 4.4 | 1.3 | | 19.5 | 440 |
| | 06-08 | .2 | 2.8 | .5 | 9.6 | | 12.4 | 20.4 | 4.6 | 1.2 | | 23.8 | 446 |
| | 09-11 | | 2.2 | .6 | 10.6 | | 12.5 | 16.2 | 7.9 | 2.1 | | 21.9 | 446 |
| | 12-14 | .1 | 2.0 | .4 | 8.5 | | 10.3 | 9.1 | 5.3 | 1.0 | | 14.8 | 446 |
| | 15-17 | | 2.0 | .5 | 8.3 | | 10.0 | 9.2 | 5.9 | 2.1 | .1 | 14.0 | 446 |
| | 18-20 | | 1.9 | .8 | 9.2 | | 10.4 | 10.5 | 6.4 | 1.7 | .1 | 15.2 | 446 |
| | 21-23 | | 2.2 | .6 | 9.3 | | 11.6 | 11.5 | 5.4 | 1.0 | | 15.6 | 446 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 2.2 | .5 | 9.4 | | 11.5 | 13.4 | 5.8 | 1.7 | .0 | 17.7 | 6766 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949
STATION

DEEUTT AFB NE
STATION NAME

69-70
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| MAK | 00-02 | .4 | 6.9 | .1 | 5.9 | | 12.0 | 12.2 | 4.2 | .2 | .1 | 14.6 | 930 |
| | 03-05 | .4 | 6.7 | .2 | 5.8 | | 12.0 | 17.3 | 3.9 | .3 | | 19.0 | 930 |
| | 06-08 | .2 | 7.0 | .2 | 6.5 | | 13.0 | 21.9 | 3.9 | .4 | | 23.9 | 930 |
| | 09-11 | .2 | 5.7 | .5 | 6.7 | .1 | 12.3 | 18.0 | 4.8 | .9 | | 21.1 | 930 |
| | 12-14 | | 6.1 | | 5.2 | | 10.9 | 11.9 | 4.1 | 1.0 | | 15.7 | 930 |
| | 15-17 | .4 | 8.4 | .5 | 5.3 | | 13.7 | 9.6 | 2.5 | .5 | | 12.3 | 930 |
| | 18-20 | .2 | 7.2 | .9 | 3.8 | | 11.2 | 8.6 | 3.3 | .2 | | 11.9 | 930 |
| | 21-23 | .2 | 6.9 | .1 | 4.1 | | 10.9 | 9.0 | 3.0 | .5 | | 11.5 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .3 | 6.9 | .3 | 5.4 | .0 | 12.0 | 13.6 | 3.7 | .5 | .0 | 16.3 | 7440 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949
STATION

DEFTT AFB NE
STATION NAME

62-78
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| APR | 00-02 | 1.8 | 10.1 | | 1.4 | | 11.3 | 7.8 | 1.7 | .3 | | 8.7 | 900 |
| | 03-05 | 2.0 | 8.7 | .1 | 2.0 | | 10.4 | 10.7 | 3.4 | .6 | | 12.8 | 900 |
| | 06-08 | 1.9 | 9.1 | | 1.7 | | 10.6 | 12.8 | 3.4 | .4 | | 14.8 | 900 |
| | 09-11 | 1.0 | 7.8 | | 1.7 | | 9.4 | 7.4 | 2.6 | .6 | | 9.4 | 900 |
| | 12-14 | .9 | 7.7 | | 1.7 | | 9.3 | 5.0 | 2.1 | .6 | | 6.9 | 900 |
| | 15-17 | .9 | 8.2 | .1 | 1.7 | | 9.7 | 4.0 | 2.3 | .7 | | 6.1 | 900 |
| | 18-20 | 2.3 | 9.0 | .1 | 1.9 | | 10.7 | 4.2 | 3.0 | .6 | | 6.6 | 900 |
| | 21-23 | 2.7 | 13.6 | | 1.4 | .1 | 14.7 | 4.3 | 2.4 | | | 6.2 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.7 | 9.3 | .0 | 1.7 | .0 | 10.8 | 7.0 | 2.6 | .5 | | 8.9 | 7200 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 STATION OFFUTT AFB NE 6-78 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| MAY | 00-02 | 3.9 | 10.5 | | | | 10.5 | 5.6 | 1.1 | | | 5.9 | 930 |
| | 03-05 | 4.0 | 9.8 | | | | 9.8 | 12.4 | 1.5 | | | 13.0 | 930 |
| | 06-08 | 1.9 | 8.3 | | | | 8.3 | 14.6 | 4.0 | | | 16.7 | 930 |
| | 09-11 | 1.5 | 6.5 | | | | 6.5 | 5.5 | 3.4 | | | 8.3 | 930 |
| | 12-14 | 1.3 | 7.4 | | | | 7.4 | 2.2 | 2.0 | | | 4.2 | 930 |
| | 15-17 | 3.7 | 9.2 | | | .1 | 9.2 | 1.9 | .2 | | | 2.2 | 930 |
| | 18-20 | 4.4 | 9.8 | | | | 9.8 | 3.0 | .5 | | | 3.4 | 930 |
| | 21-23 | 4.9 | 9.8 | | | | 9.8 | 3.1 | .4 | | | 3.4 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 3.2 | 8.9 | | | .0 | 8.9 | 6.0 | 1.6 | | | 7.1 | 7440 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 OFFUTT AFB NE 1978 JUN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (1 ST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JUN | 00-02 | 4.1 | 5.3 | | | | 5.3 | 2.0 | 1.4 | | | 2.7 | 900 |
| | 03-05 | 4.3 | 5.1 | | | .1 | 5.1 | 6.1 | 1.7 | | | 6.3 | 900 |
| | 06-08 | 1.6 | 4.1 | | | | 4.1 | 6.0 | 3.1 | | | 7.3 | 900 |
| | 09-11 | .6 | 2.0 | | | | 2.0 | 2.4 | 3.6 | | | 4.8 | 900 |
| | 12-14 | 1.9 | 3.0 | | | | 3.0 | 1.2 | 1.8 | | | 3.0 | 900 |
| | 15-17 | 1.7 | 3.3 | | | .1 | 3.3 | .7 | .9 | | | 1.6 | 900 |
| | 18-20 | 2.8 | 3.9 | | | | 3.9 | .6 | 1.1 | | | 1.7 | 900 |
| | 21-23 | 4.0 | 5.3 | | | | 5.3 | .8 | 1.3 | | | 1.9 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.6 | 4.0 | | | .0 | 4.0 | 2.5 | 1.9 | | | 3.7 | 7200 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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WEATHER CONDITIONS

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS. |
|--------|----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| JUL | 00-02 | 6.7 | 6.5 | | | | 6.5 | 2.8 | 2.5 | | | 4.3 | 929 |
| | 03-05 | 7.0 | 7.3 | | | | 7.3 | 7.0 | 2.3 | | | 8.0 | 930 |
| | 06-08 | 3.3 | 6.3 | | | | 6.3 | 8.7 | 5.1 | | | 10.3 | 930 |
| | 09-11 | 1.4 | 3.8 | | | | 3.8 | 2.4 | 3.2 | | | 4.7 | 929 |
| | 12-14 | 1.5 | 2.9 | | | | 2.9 | .6 | 1.5 | | | 2.0 | 930 |
| | 15-17 | 2.4 | 3.1 | | | | 3.1 | .2 | 1.1 | | | 1.3 | 930 |
| | 18-20 | 3.0 | 3.2 | | | | 3.2 | .2 | 1.1 | | | 1.2 | 930 |
| | 21-23 | 5.4 | 4.9 | | | | 4.9 | .9 | 1.8 | | | 2.6 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 3.8 | 4.8 | | | | 4.8 | 2.9 | 2.4 | | | 4.3 | 7438 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 STATION DEPUTT AFB NF 49-78 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| AUG | 00-02 | 4.4 | 5.4 | | | | 5.4 | 5.6 | 4.2 | | | 3.0 | 930 |
| | 03-05 | 4.0 | 6.8 | | | | 6.8 | 11.2 | 4.3 | | | 13.5 | 930 |
| | 06-08 | 2.8 | 5.2 | | | | 5.2 | 17.7 | 9.1 | | | 22.0 | 930 |
| | 09-11 | 1.7 | 3.4 | | | | 3.4 | 6.3 | 8.4 | | | 12.4 | 930 |
| | 12-14 | 1.7 | 3.1 | | | | 3.1 | 1.7 | 5.3 | | | 6.0 | 930 |
| | 15-17 | 1.6 | 3.1 | | | | 3.1 | .8 | 3.0 | | | 3.4 | 930 |
| | 18-20 | 2.2 | 3.0 | | | | 3.0 | 1.4 | 3.5 | | | 4.5 | 930 |
| | 21-23 | 3.7 | 3.7 | | | .1 | 3.7 | 2.3 | 4.3 | | | 5.4 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.8 | 4.2 | | | .0 | 4.2 | 3.9 | 5.3 | | | 9.4 | 7440 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS. |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| SEP | 00-02 | 5.0 | 7.3 | | | | 7.3 | 8.8 | 2.1 | | | 9.9 | 900 |
| | 03-05 | 2.8 | 8.7 | | | | 8.7 | 13.2 | 1.6 | | | 13.8 | 900 |
| | 06-08 | 1.7 | 8.1 | | | | 8.1 | 20.7 | 4.4 | | | 22.0 | 900 |
| | 09-11 | 1.0 | 7.7 | | | | 7.7 | 9.6 | 3.6 | | | 11.9 | 900 |
| | 12-14 | 1.1 | 6.1 | | | | 6.1 | 3.0 | 1.9 | | | 4.3 | 900 |
| | 15-17 | 1.1 | 7.2 | | | | 7.2 | 2.2 | 1.3 | | | 3.2 | 900 |
| | 18-20 | 2.3 | 6.9 | | | | 6.9 | 3.0 | .9 | | | 3.8 | 900 |
| | 21-23 | 2.4 | 7.2 | | | | 7.2 | 3.8 | 1.6 | | | 4.9 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.2 | 7.4 | | | | 7.4 | 8.0 | 2.2 | | | 9.2 | 7200 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 DEPUTT AFB NE 69-78 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| OCT | 00-02 | 1.9 | 8.6 | | .2 | | 8.6 | 9.9 | 1.3 | | | 10.5 | 930 |
| | 03-05 | 1.2 | 8.6 | | .4 | | 8.7 | 14.5 | 1.7 | | | 15.3 | 930 |
| | 06-08 | .8 | 7.2 | | .6 | | 7.7 | 18.5 | 2.0 | | | 19.5 | 930 |
| | 09-11 | .3 | 8.4 | | .6 | | 9.0 | 13.1 | 3.5 | | | 14.9 | 930 |
| | 12-14 | | 7.4 | | .4 | | 7.6 | 7.2 | 1.9 | | | 8.7 | 930 |
| | 15-17 | .4 | 7.6 | | .1 | | 7.6 | 7.5 | 1.4 | | | 8.9 | 930 |
| | 18-20 | .6 | 6.7 | | | | 6.7 | 7.1 | 1.3 | | | 8.3 | 930 |
| | 21-23 | 1.0 | 8.0 | | .1 | | 8.0 | 7.8 | 1.5 | | | 9.0 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .8 | 7.8 | | .3 | | 8.0 | 10.7 | 1.8 | | | 11.9 | 7440 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949
STATION

DEPUTT AFB NE

STATION NAME

49-70

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| NOV | 00-02 | .3 | 7.1 | .6 | 5.7 | | 13.0 | 12.9 | 1.2 | .2 | | 13.4 | 900 |
| | 03-05 | .3 | 7.0 | .2 | 6.6 | | 13.2 | 15.2 | 1.3 | .3 | | 16.1 | 900 |
| | 06-08 | .2 | 6.0 | .1 | 5.9 | | 11.9 | 21.1 | 2.4 | .4 | | 22.2 | 900 |
| | 09-11 | .1 | 6.1 | .3 | 6.3 | | 12.6 | 18.2 | 3.0 | .6 | | 20.1 | 900 |
| | 12-14 | .3 | 5.6 | .3 | 6.2 | | 11.7 | 14.4 | 2.7 | .4 | | 16.3 | 900 |
| | 15-17 | | 7.2 | .1 | 4.3 | | 11.3 | 12.3 | 1.8 | .7 | | 13.4 | 900 |
| | 18-20 | | 7.5 | .1 | 5.8 | | 12.7 | 12.3 | .6 | .7 | | 13.3 | 897 |
| | 21-23 | .1 | 6.6 | | 6.0 | | 12.5 | 11.1 | 1.4 | .9 | | 13.5 | 897 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .2 | 6.6 | .2 | 5.9 | | 12.4 | 14.7 | 1.8 | .5 | | 16.0 | 7194 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 DEPUTI AFB NE 68-77 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|----------------|-------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| DEC | 00-02 | .1 | 1.9 | 1.1 | 8.8 | | 11.7 | 18.0 | 4.4 | 1.3 | | 21.5 | 930 |
| | 03-05 | | 2.5 | 2.3 | 10.3 | | 14.2 | 22.8 | 4.8 | .5 | | 24.7 | 930 |
| | 06-08 | .1 | 2.0 | 2.3 | 10.6 | | 13.8 | 22.8 | 4.4 | 1.2 | | 25.3 | 930 |
| | 09-11 | | 1.9 | 1.1 | 10.4 | | 13.3 | 21.8 | 5.2 | 2.2 | | 26.6 | 930 |
| | 12-14 | .1 | 3.0 | .4 | 9.2 | | 12.4 | 15.2 | 4.0 | 2.3 | | 20.2 | 930 |
| | 15-1 | .1 | 2.7 | 1.5 | 8.7 | | 12.0 | 14.5 | 4.7 | 1.5 | | 19.4 | 930 |
| | 18-20 | | 3.1 | 1.4 | 9.5 | | 13.3 | 15.5 | 5.5 | 1.4 | | 20.2 | 930 |
| | 21-23 | | 2.4 | 1.3 | 10.2 | | 13.5 | 14.8 | 4.2 | 1.7 | | 19.0 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 2.4 | 1.4 | 9.7 | | 13.0 | 18.3 | 4.7 | 1.5 | | 22.1 | 7440 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14949 STATION OFFUTT AFB NE 08-78 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | ALL | | 1.2 | 1.3 | 9.7 | | 11.9 | 11.5 | 6.6 | 1.7 | .0 | 16.7 | 7440 |
| FEB | | .1 | 2.2 | .5 | 9.4 | | 11.5 | 13.4 | 5.8 | 1.7 | .0 | 17.7 | 6768 |
| MAR | | .3 | 6.9 | .3 | 5.4 | .0 | 12.0 | 13.6 | 3.7 | .5 | .0 | 16.3 | 7440 |
| APR | | 1.7 | 9.3 | .0 | 1.7 | .0 | 10.8 | 7.0 | 2.6 | .5 | | 8.9 | 7200 |
| MAY | | 3.2 | 8.9 | | | .0 | 8.9 | 6.0 | 1.6 | | | 7.1 | 7440 |
| JUN | | 2.6 | 4.0 | | | .0 | 4.0 | 2.5 | 1.9 | | | 3.7 | 7200 |
| JUL | | 3.8 | 4.8 | | | | 4.8 | 2.9 | 2.4 | | | 4.3 | 7438 |
| AUG | | 2.8 | 4.2 | | | .0 | 4.2 | 5.9 | 5.3 | | | 9.4 | 7440 |
| SEP | | 2.2 | 7.4 | | | | 7.4 | 8.0 | 2.2 | | | 9.2 | 7200 |
| OCT | | .8 | 7.8 | | .3 | | 8.0 | 10.7 | 1.8 | | | 11.9 | 7440 |
| NOV | | .2 | 6.6 | .2 | 5.9 | | 12.4 | 14.7 | 1.8 | .5 | | 16.0 | 7194 |
| DEC | | .1 | 2.4 | 1.4 | 9.7 | | 13.0 | 18.3 | 4.7 | 1.5 | | 22.1 | 7440 |
| TOTALS | | 1.5 | 5.5 | .3 | 3.5 | .0 | 9.1 | 9.5 | 3.4 | .5 | .0 | 11.9 | 87640 |

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WRAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
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XXWEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

14949 STATION DEPUTT AFH NE STATION NAME 48-78 YEARS ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| JAN | DAILY | .2 | 14.4 | 8.2 | 39.6 | .1 | 46.1 | 35.7 | 26.6 | 9.5 | .1 | 48.9 | 930 |
| FEB | | 1.8 | 20.2 | 7.0 | 35.4 | .4 | 45.2 | 36.8 | 25.0 | 7.6 | | 47.1 | 847 |
| MAR | | 5.4 | 29.0 | 3.2 | 31.1 | .9 | 49.5 | 31.7 | 18.1 | 6.6 | .2 | 40.4 | 930 |
| APR | | 15.0 | 43.1 | .3 | 6.6 | 3.1 | 45.1 | 26.4 | 12.3 | .8 | .1 | 30.2 | 900 |
| MAY | | 26.3 | 51.3 | | .3 | 3.2 | 51.4 | 22.3 | 10.1 | | .3 | 25.3 | 930 |
| JUN | | 32.4 | 47.1 | | | 2.9 | 47.1 | 15.1 | 6.4 | | | 17.7 | 900 |
| JUL | | 28.3 | 41.9 | | | 1.1 | 41.9 | 19.0 | 11.4 | | | 21.9 | 930 |
| AUG | | 29.1 | 41.0 | | | 1.0 | 41.0 | 26.2 | 15.7 | | | 30.8 | 930 |
| SEP | | 18.7 | 39.6 | | .1 | .1 | 39.6 | 30.9 | 15.0 | | | 34.5 | 899 |
| OCT | | 9.0 | 30.2 | | 1.6 | .4 | 30.3 | 25.4 | 13.7 | | | 29.8 | 930 |
| NOV | | 2.2 | 24.7 | 2.0 | 19.6 | | 37.3 | 30.0 | 15.8 | 2.0 | | 35.8 | 900 |
| DEC | | .5 | 16.7 | 6.8 | 31.0 | | 39.9 | 35.6 | 20.6 | 5.4 | | 43.4 | 929 |
| TOTALS | | 14.1 | 33.3 | 2.3 | 13.8 | 1.1 | 42.9 | 27.9 | 15.9 | 2.7 | .1 | 33.8 | 10955 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- * 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- * 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

| | | |
|-----------------------------|-------|--|
| EXTREME DAILY PRECIPITATION | ".00" | equals none for the month (hundredths) |
| EXTREME DAILY SNOWFALL | ".0" | equals none for the month (tenths) |
| EXTREME DAILY SNOW DEPTH | "0" | equals none for the month (whole inches) |

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

4 GLOBAL CLIMATOLOGY BRANCH
0 USAF ETAL
0 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

14949 STATION DEPUTI APB NE 2-71 YEARS

| PRECIP | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|-------|---------|--------|-------|-------|--------|---------|---------|----------|-----------|-----------|---|----------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | .01 | .02-.05 | .06-10 | 11-25 | 26-50 | 51-100 | 101-250 | 251-500 | 501-1000 | 1001-2000 | OVER 2000 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 01-04 | 05-14 | 15-24 | 25-34 | 35-44 | 45-64 | 65-104 | 105-154 | 155-254 | 255-504 | OVER 504 | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 50.1 | 10.1 | 3.0 | 5.3 | 3.3 | 5.4 | 1.2 | 1.1 | .2 | | | | | 20.8 | 930 | .95 | 3.30 | .02 |
| FEB | 53.4 | 15.5 | 3.0 | 5.2 | 2.1 | 5.5 | 1.0 | .7 | .2 | | | | | 21.7 | 847 | 1.04 | 2.62 | .00 |
| MAR | 49.0 | 25.7 | 3.0 | 5.7 | 3.4 | 5.7 | 2.3 | 2.1 | 1.1 | .1 | | | | 24.7 | 939 | 1.90 | 4.16 | .17 |
| APR | 53.0 | 17.0 | 2.4 | 5.6 | 4.0 | 5.8 | 2.2 | 4.3 | 2.2 | | | | | 29.4 | 900 | 2.81 | 5.90 | .50 |
| MAY | 47.4 | 19.5 | 3.2 | 5.3 | 3.4 | 5.6 | 6.7 | 4.7 | 3.3 | .4 | .1 | | | 35.1 | 939 | 4.37 | 17.05 | .94 |
| JUN | 52.1 | 15.6 | 1.3 | 5.0 | 4.7 | 6.1 | 6.6 | 5.3 | 3.4 | .3 | | | | 37.3 | 900 | 4.39 | 17.05 | .37 |
| JUL | 50.1 | 17.4 | 2.4 | 4.3 | 3.3 | 4.2 | 4.2 | 4.4 | 3.1 | .4 | .1 | | | 26.8 | 930 | 3.95 | 13.37 | .25 |
| AUG | 57.1 | 11.3 | 2.0 | 5.2 | 3.5 | 5.5 | 4.2 | 5.1 | 3.3 | .6 | | | | 30.9 | 930 | 4.79 | 10.60 | 1.00 |
| SEP | 52.0 | 14.0 | 1.3 | 4.2 | 2.3 | 5.7 | 4.3 | 3.7 | 3.7 | .4 | | | | 26.4 | 900 | 3.54 | 12.41 | .62 |
| OCT | 60.1 | 13.0 | 1.2 | 3.0 | 1.9 | 4.6 | 2.3 | 2.7 | 1.0 | .1 | | | | 15.7 | 930 | 1.99 | 5.14 | 1.00 |
| NOV | 62.0 | 11.4 | 2.0 | 3.3 | 2.6 | 3.3 | 1.0 | 1.7 | 1.3 | | | | | 10.6 | 900 | 1.30 | 4.67 | .02 |
| DEC | 58.1 | 22.2 | 3.0 | 5.5 | 3.1 | 5.8 | 2.4 | 1.0 | .2 | | | | | 19.2 | 930 | .97 | 2.65 | .10 |
| ANNUAL | 50.0 | 19.0 | 2.0 | 5.0 | 3.1 | 5.1 | 3.0 | 3.7 | 1.9 | .2 | .0 | | | 20.0 | 1000 | 3.33 | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE

48-78

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

| YEAR | JAN. | FEB | MAR. | APR | MAY | JUN. | JUL | AUG. | SEP. | OCT. | NOV | DEC | ALL MONTHS |
|------------|------|------|------|------|------|------|------|------|------|-------|------|------|------------|
| 48 | | | | | | | | | | | | .26 | |
| 49 | 1.59 | .97 | .93 | .81 | .99 | 2.45 | .82 | 1.63 | 1.65 | .81 | .03 | .12 | 2.45 |
| 50 | .20 | .47 | .26 | .80 | 2.69 | .40 | 5.33 | 1.84 | .68 | 1.23 | .20 | .04 | 5.33 |
| 51 | .23 | 1.13 | .78 | 1.61 | 1.65 | 2.17 | 1.22 | 1.98 | .72 | .35 | .51 | .53 | 2.17 |
| 52 | .25 | .52 | .94 | 1.12 | 1.44 | .85 | .69 | 3.53 | .49 | TRACE | 1.55 | .45 | 3.53 |
| 53 | .22 | .43 | .65 | .57 | .25 | 1.23 | .52 | 1.22 | .67 | .23 | 1.87 | .89 | 1.87 |
| 54 | .12 | 1.84 | .27 | 1.01 | 1.00 | .94 | .46 | 2.84 | .66 | 1.01 | .02 | .10 | 2.84 |
| 55 | .64 | .44 | .32 | 1.70 | .74 | .69 | .62 | 1.64 | 1.62 | .52 | .07 | .08 | 1.70 |
| 56 | .23 | .30 | .09 | .65 | .52 | 1.37 | 1.53 | .86 | 2.59 | .25 | 1.35 | .18 | 2.59 |
| 57 | .55 | .15 | 1.58 | .85 | 1.78 | 1.54 | 1.12 | 1.15 | 1.25 | 1.25 | .64 | .20 | 3.12 |
| 58 | .45 | .23 | .24 | .85 | .37 | .45 | 4.29 | 1.25 | 1.36 | .18 | .10 | .27 | 4.29 |
| 59 | .36 | .29 | 1.10 | 1.78 | 1.50 | 1.05 | .73 | 3.29 | 1.08 | .84 | .10 | .62 | 3.29 |
| 60 | .72 | .50 | .45 | .70 | 1.46 | 1.02 | 1.14 | 2.67 | 1.08 | 1.15 | .10 | .12 | 2.67 |
| 61 | .20 | .25 | 1.30 | .94 | .82 | 1.13 | 1.75 | 2.24 | 1.89 | 1.85 | 1.07 | .46 | 2.24 |
| 62 | .22 | .44 | .40 | .33 | 4.31 | 1.20 | 2.07 | .94 | 3.61 | .70 | .36 | .18 | 4.31 |
| 63 | .17 | .15 | 3.00 | 1.11 | .80 | 1.82 | 3.54 | .79 | 1.49 | .19 | .19 | .17 | 3.54 |
| 64 | .25 | .14 | .81 | 1.18 | 2.40 | 1.98 | 1.46 | 2.37 | 2.22 | .26 | .73 | .43 | 2.40 |
| 65 | .15 | .66 | .46 | 1.71 | 1.85 | 3.31 | 2.21 | 1.62 | 4.96 | .58 | .84 | .48 | 4.96 |
| 66 | .41 | .31 | .9 | .35 | .65 | .74 | 1.52 | .76 | .66 | .10 | .23 | .33 | 1.52 |
| 67 | .63 | .04 | .31 | .81 | 1.65 | 4.89 | 1.64 | .50 | 1.78 | .85 | .16 | .37 | 4.89 |
| 68 | .25 | .06 | .18 | .64 | 1.07 | .68 | 1.15 | 1.04 | 2.20 | 3.40 | .56 | 1.06 | 3.40 |
| 69 | .73 | .45 | .54 | 1.16 | 1.28 | 1.12 | 1.82 | 1.49 | .53 | 1.15 | .03 | 1.19 | 1.82 |
| 70 | .01 | .23 | .22 | .84 | 1.59 | 1.56 | 1.39 | 2.57 | 1.99 | 1.16 | .32 | .49 | 2.57 |
| 71 | .99 | 1.00 | .18 | .24 | 6.57 | 2.04 | .81 | .98 | .48 | 1.25 | 1.89 | .72 | 6.57 |
| 72 | .50 | .43 | .14 | 1.21 | 2.60 | .83 | .95 | 1.01 | 2.68 | 2.13 | 1.70 | .63 | 2.68 |
| 73 | .63 | .60 | 2.41 | 1.43 | 1.74 | .62 | 2.29 | .35 | 2.14 | 2.48 | 1.17 | .69 | 2.48 |
| 74 | .30 | .22 | .32 | 1.10 | 1.27 | .46 | .11 | 1.99 | .49 | 1.08 | .75 | .47 | 1.99 |
| 75 | 1.55 | .49 | 1.94 | .61 | 1.23 | 1.55 | .40 | 1.32 | .71 | .02 | .94 | .08 | 1.94 |
| 76 | .18 | .40 | .54 | 1.23 | 1.27 | 1.35 | .60 | .69 | 1.25 | .25 | .04 | .16 | 1.35 |
| 77 | .29 | .15 | 1.55 | .67 | 1.47 | 1.24 | 1.36 | 2.75 | 1.13 | 1.39 | 1.29 | .25 | 2.75 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

14949 OFFUTT AFB NE

48-78

(FROM DAILY OBSERVATIONS)

STATION

STATION NAME

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

| MONTH YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG. | SEP | OCT | NOV. | DEC | ALL MONTHS |
|---------------|------|------|------|------|-------|-------|-------|-------|-------|-------|------|------|---------------|
| 48 | | | | | | | | | | | | .91 | |
| 49 | 3.30 | 1.46 | 1.99 | 1.32 | 2.92 | 9.98 | 1.74 | 2.04 | 3.01 | 1.79 | .03 | .26 | 29.84 |
| 50 | .61 | 1.51 | .69 | 2.05 | 6.59 | .87 | 9.01 | 5.02 | .89 | 2.51 | .46 | .10 | 30.30 |
| 51 | .60 | 1.47 | 3.00 | 6.90 | 5.00 | 7.07 | 4.24 | 5.44 | 1.79 | 1.33 | .57 | 1.78 | 39.19 |
| 52 | .29 | 1.45 | 4.10 | 2.75 | 3.77 | 3.89 | 2.39 | 8.50 | 1.17 | TRACE | 3.06 | 1.20 | 32.57 |
| 53 | .78 | .92 | 2.37 | 2.14 | .98 | 4.86 | 2.12 | 1.51 | .68 | .33 | 2.24 | 1.07 | 20.00 |
| 54 | .23 | 2.62 | .74 | 2.48 | 3.10 | 2.85 | 1.10 | 9.89 | .82 | 2.04 | .02 | .14 | 26.03 |
| 55 | 1.48 | 1.41 | .59 | 2.74 | 1.51 | 2.60 | 1.18 | 1.78 | 2.20 | .63 | .17 | .19 | 16.48 |
| 56 | .81 | .54 | .17 | 1.34 | 1.32 | 5.07 | 5.02 | 3.03 | 3.32 | .84 | 2.56 | .28 | 24.30 |
| 57 | .68 | .17 | 2.02 | 2.15 | 4.13 | 6.67 | 4.77 | 5.11 | 2.79 | 4.58 | 2.25 | .64 | 35.96 |
| 58 | 1.01 | .64 | .43 | 2.73 | 1.62 | 1.25 | 13.37 | 3.41 | 4.03 | .18 | .21 | .27 | 29.15 |
| 59 | 1.01 | .79 | 3.81 | 2.86 | 8.62 | 4.21 | .83 | 10.60 | 2.27 | 2.16 | .28 | 1.11 | 38.55 |
| 60 | 1.62 | 1.51 | 2.09 | 1.30 | 4.14 | 4.16 | 2.38 | 6.60 | 1.95 | 1.31 | .12 | .13 | 27.31 |
| 61 | .33 | .82 | 2.76 | 1.22 | 2.40 | 3.63 | 2.91 | 5.29 | 5.78 | 2.76 | 2.15 | 1.23 | 31.24 |
| 62 | .44 | 1.73 | .95 | .63 | 6.19 | 2.92 | 9.00 | 2.17 | 6.26 | 2.36 | .98 | .86 | 34.49 |
| 63 | .61 | .50 | 5.48 | 2.94 | 1.77 | 5.09 | 4.15 | 3.07 | 3.66 | .25 | .48 | .36 | 28.46 |
| 64 | .45 | .33 | 1.77 | 3.23 | 5.26 | 8.70 | 3.34 | 6.75 | 4.41 | .52 | 1.18 | .72 | 36.66 |
| 65 | .45 | 1.81 | 1.09 | 4.04 | 6.82 | 8.33 | 4.79 | 3.36 | 12.41 | .84 | 1.15 | .90 | 45.99 |
| 66 | .73 | .53 | .53 | .65 | 1.77 | 3.70 | 4.76 | 2.41 | 1.84 | .23 | .27 | .40 | 17.82 |
| 67 | .96 | .13 | .75 | 3.23 | 4.20 | 17.08 | 2.11 | 1.47 | 5.32 | 2.53 | .28 | 1.15 | 39.31 |
| 68 | .33 | .06 | .27 | 3.70 | 3.66 | 2.06 | 2.34 | 4.39 | 5.45 | 6.14 | 1.49 | 2.10 | 31.99 |
| 69 | 1.55 | 1.02 | 1.26 | 3.77 | 4.69 | 4.00 | 4.59 | 3.16 | 1.32 | 3.20 | .07 | 1.90 | 30.53 |
| 70 | .03 | .43 | .58 | 2.70 | 2.77 | 3.59 | 5.77 | 4.10 | 5.83 | 4.37 | 1.08 | .53 | 31.78 |
| 71 | 1.36 | 1.96 | .51 | .56 | 12.85 | 2.70 | 1.95 | 2.50 | .62 | 4.26 | 4.62 | 1.06 | 34.95 |
| 72 | .70 | 1.05 | .50 | 5.48 | 7.03 | 1.39 | 4.10 | 2.55 | 4.30 | 3.58 | 4.62 | 2.06 | 37.36 |
| 73 | 2.20 | 1.38 | 8.16 | 5.14 | 6.95 | 1.79 | 5.91 | 1.19 | 7.86 | 3.40 | 1.74 | 2.65 | 48.37 |
| 74 | 1.08 | .45 | 1.04 | 2.57 | 3.54 | 1.30 | .25 | 4.43 | .75 | 2.03 | 1.41 | .97 | 19.84 |
| 75 | 2.92 | 1.39 | 2.83 | 2.72 | 3.91 | 3.90 | .94 | 5.07 | 1.83 | .03 | 2.63 | .18 | 28.35 |
| 76 | .40 | 1.48 | 1.68 | 3.47 | 3.96 | 2.64 | 1.61 | 1.06 | 2.93 | .84 | .54 | .31 | 20.42 |
| 77 | .99 | .16 | 3.64 | 1.84 | 4.97 | 2.48 | 4.10 | 8.77 | 4.28 | 3.42 | 1.71 | .54 | 36.90 |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

XXXXXXXXXXXXXXXXXXXX
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

48-78

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

14742 DEWITT AFB TX 26-73 STATION 14742 STATION NAME DEWITT AFB TX YEARS 26-73

| PRECIP. | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|---------|---------|---------|---------|---------|----------|-----------|-----------|------------|-------------|------------|---|----------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | .01 | .02-.03 | .04-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 57.9 | 4.5 | 4.0 | 5.0 | 2.0 | 1.7 | 1.1 | .6 | .1 | .1 | .1 | | | 14.6 | 930 | 4.3 | 27.4 | 1.0 |
| FEB | 6.7 | 27.7 | 2.7 | 4.4 | 7.1 | 1.3 | .7 | .5 | .7 | | .1 | | | 13.3 | 847 | 6.8 | 74.9 | TRACE |
| MAR | 67.9 | 19.2 | 3.0 | 4.3 | 2.4 | .8 | 1.1 | .4 | .1 | .1 | | | | 12.7 | 930 | 6.1 | 21.4 | .0 |
| APR | 93.2 | 4.0 | 1.1 | .9 | .2 | .2 | .1 | | | | | | | 2.7 | 909 | .4 | 3.0 | .0 |
| MAY | 99.7 | .2 | | | | | .1 | | | | | | | .1 | 939 | .1 | 4.0 | .0 |
| JUN | 100.0 | | | | | | | | | | | | | | 900 | .0 | .0 | .0 |
| JUL | 100.0 | | | | | | | | | | | | | | 939 | .0 | .0 | .0 |
| AUG | 100.0 | | | | | | | | | | | | | | 930 | .0 | .0 | .0 |
| SEP | 99.9 | .1 | | | | | | | | | | | | | 930 | TRACE | TRACE | .0 |
| OCT | 94.0 | 1.0 | | .1 | .1 | | | | | | | | | .2 | 930 | .1 | 2.3 | .0 |
| NOV | 79.9 | 19.1 | 1.9 | 1.2 | .2 | .3 | .2 | .4 | .1 | .1 | | | | 6.0 | 900 | 2.9 | 16.0 | 1.0 |
| DEC | 67.0 | 19.4 | 4.4 | 4.8 | 1.5 | 1.2 | .2 | .4 | .1 | .1 | | | | 12.0 | 939 | 3.7 | 21.4 | .1 |
| ANNUAL | 85.0 | 9.0 | 1.2 | 1.2 | .6 | .5 | .2 | .2 | .1 | .0 | .0 | | | 5.2 | 10957 | 30.8 | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE

48-78

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH YEAR | JAN | FEB | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP | OCT. | NOV | DEC | ALL MONTHS |
|---------------|------|-------|-------|-------|-------|------|------|------|-------|-------|-------|------|---------------|
| 48 | | | | | | | | | | | | 3.0 | |
| 49 | 10.4 | 9.3 | 2.0 | 3.5 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 2.2 | 10.4 |
| 50 | 3.9 | 4.1 | 2.0 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 | .4 | 4.1 |
| 51 | 2.3 | .3 | 5.0 | 2.3 | .0 | .0 | .0 | .0 | .0 | .0 | .3 | 4.2 | 5.0 |
| 52 | 4.2 | 3.0 | 5.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.2 | 4.7 | 6.2 |
| 53 | 2.7 | 2.2 | 4.0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .7 | .6 | 4.0 |
| 54 | 1.6 | TRACE | 1.0 | .0 | TRACE | .0 | .0 | .0 | .0 | TRACE | TRACE | 1.0 | 1.0 |
| 55 | 4.4 | 3.6 | 3.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .9 | 1.4 | 4.4 |
| 56 | 3.0 | 3.4 | .6 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | 8.1 | 1.7 | 8.1 |
| 57 | 6.0 | .2 | 7.0 | .4 | .0 | .0 | .0 | .0 | .0 | TRACE | 5.0 | 2.0 | 7.0 |
| 58 | 4.5 | 2.0 | 2.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 2.7 | 4.5 |
| 59 | 3.6 | 1.3 | 5.0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | 1.6 | 4.0 | 5.0 |
| 60 | 4.0 | 5.2 | 4.7 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 1.0 | 5.2 |
| 61 | 2.0 | 2.2 | 2.0 | TRACE | .0 | .0 | .0 | .0 | TRACE | .0 | 3.0 | 6.0 | 6.0 |
| 62 | 3.2 | 3.5 | 1.0 | .2 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 2.0 | 3.5 |
| 63 | 4.8 | 1.2 | 11.4 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 2.5 | 11.4 |
| 64 | 3.5 | 1.3 | 3.6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 2.0 | 4.0 |
| 65 | 4.2 | 19.0 | 4.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .2 | .5 | 19.0 |
| 66 | .7 | 1.2 | 2.1 | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 3.6 | 3.6 |
| 67 | 1.5 | .1 | TRACE | 1.1 | 4.0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 3.3 | 4.0 |
| 68 | 2.2 | .6 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | TRACE | 5.3 | 1.0 | 5.3 |
| 69 | 4.2 | 4.6 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .2 | 12.0 | 12.0 |
| 70 | 2.7 | 1.2 | 1.5 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .4 | 2.7 |
| 71 | 11.0 | 10.3 | 2.5 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 11.0 |
| 72 | 1.0 | 4.3 | 2.0 | .7 | .0 | .0 | .0 | .0 | .0 | TRACE | 11.7 | 6.0 | 11.7 |
| 73 | 6.3 | 3.6 | .0 | 2.7 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 7.1 | 7.1 |
| 74 | 3.0 | 1.8 | 2.3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 1.5 | 3.1 | 3.1 |
| 75 | 15.5 | 4.7 | 2.4 | 2.5 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | .1 | 15.5 |
| 76 | 1.8 | 4.5 | 3.5 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | .4 | 1.1 | 4.5 |
| 77 | 3.0 | TRACE | 3.3 | 1.5 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 2.5 | 3.3 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-885 (OIA)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXX
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE

48-78

STATION

STATION NAME

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

| MONTH YEAR | JAN | FEB | MAR. | APR. | MAY | JUN | JUL | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|------|-------|-------|-------|-------|-----|-----|------|-------|-------|-------|------|---------------|
| 48 | | | | | | | | | | | | 8.8 | |
| 49 | 17.7 | 14.5 | 2.9 | 3.5 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 2.8 | 41.4 |
| 50 | 8.9 | 7.4 | 6.8 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.2 | 1.0 | 26.3 |
| 51 | 6.0 | .3 | 0.2 | 3.8 | .0 | .0 | .0 | .0 | .0 | .0 | .3 | 13.7 | 32.3 |
| 52 | 4.2 | 5.0 | 16.8 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | 6.6 | 11.9 | 45.5 |
| 53 | 9.2 | 5.8 | 4.4 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .7 | .6 | 20.7 |
| 54 | 7.7 | TRACE | 2.8 | .0 | TRACE | .0 | .0 | .0 | .0 | TRACE | TRACE | 1.4 | 6.9 |
| 55 | 12.4 | 7.7 | 4.9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.9 | 2.1 | 29.0 |
| 56 | 10.1 | 3.8 | .6 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | 8.1 | 2.7 | 25.3 |
| 57 | 7.0 | .2 | 9.1 | .6 | .0 | .0 | .0 | .0 | .0 | TRACE | 9.3 | 5.5 | 31.7 |
| 58 | 8.8 | 4.1 | 3.7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 2.7 | 20.3 |
| 59 | 8.6 | 1.5 | 10.7 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 4.4 | 27.2 |
| 60 | 12.5 | 17.1 | 21.4 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 1.0 | 52.4 |
| 61 | 3.6 | 5.3 | 4.0 | TRACE | .0 | .0 | .0 | .0 | TRACE | .0 | 3.5 | 10.4 | 26.8 |
| 62 | 4.3 | 9.9 | 2.3 | .2 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 5.3 | 22.0 |
| 63 | 9.8 | 4.2 | 15.7 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 7.0 | 36.7 |
| 64 | 4.8 | 3.0 | 9.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | 4.4 | 25.2 |
| 65 | 5.2 | 24.4 | 17.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .2 | .9 | 48.1 |
| 66 | 7.1 | 1.7 | 5.0 | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 3.6 | 12.4 |
| 67 | 5.3 | .2 | TRACE | 1.1 | 4.0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 4.9 | 15.5 |
| 68 | 7.7 | .6 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | TRACE | 6.3 | 3.7 | 13.3 |
| 69 | 7.9 | 9.1 | .5 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .2 | 21.4 | 39.1 |
| 70 | 1.5 | 7.2 | 3.3 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .6 | 12.2 |
| 71 | 15.0 | 16.3 | 6.3 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 8.5 | 4.3 | 50.7 |
| 72 | 1.8 | 9.1 | 3.2 | .7 | .0 | .0 | .0 | .0 | .0 | TRACE | 14.0 | 9.2 | 38.9 |
| 73 | 14.2 | 9.2 | .0 | 5.8 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | 20.6 | 53.1 |
| 74 | 10.3 | 3.5 | 3.6 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 3.2 | 7.0 | 27.7 |
| 75 | 27.4 | 13.5 | 7.2 | 3.0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.9 | .1 | 57.1 |
| 76 | 4.1 | 8.8 | 4.5 | .0 | .0 | .0 | .0 | .0 | .0 | 1.3 | .4 | 2.6 | 21.7 |
| 77 | 11.0 | TRACE | 3.3 | 2.3 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 5.7 | 24.3 |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-885 (OLA)

XXXXXXXXXXXXXXXXXXXX
 EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

| | |
|---------|---------------|
| 14942 | OFFUTT AFB NE |
| STATION | STATION NAME |

48-78 YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

4 GLOBAL CLIMATOLOGY BRANCH
USAF STAL
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

14940 DEWITT AFB TX 7-75
STATION STATION NAME YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|-------|-------|-------|-------|-------|--------|---------|---------|----------|-----------|-----------|------|---|----------------------------|-----------------------------|-------|--|
| PRECIP | NONE | TRACE | 01 | 02-03 | 06-10 | 11-25 | 26-50 | 51-100 | 101-250 | 251-500 | 501-1000 | 1001-2000 | OVER 2000 | MEAN | | | GREATEST | LEAST | |
| SNOWFALL | NONE | TRACE | 01-04 | 05-14 | 15-24 | 25-34 | 35-44 | 45-64 | 65-104 | 105-154 | 155-254 | 255-504 | OVER 504 | | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | | |
| JAN | 31.1 | 11.6 | 12.4 | 9.4 | 9.4 | 10.6 | 7.4 | 2.3 | | | | | | 57.1 | 930 | | | | |
| FEB | 40.2 | 14.2 | 9.1 | 6.5 | 3.5 | 10.0 | 8.0 | 2.5 | | | | | | 57.7 | 847 | | | | |
| MAR | 70.2 | 0.0 | 5.5 | 4.1 | 3.2 | 4.4 | 4.0 | 1.3 | .4 | | | | | 23.7 | 930 | | | | |
| APR | 97.8 | 1.2 | .0 | .1 | .2 | | | | | | | | | 1.1 | 900 | | | | |
| MAY | 99.0 | | .1 | | .1 | | | | | | | | | .2 | 930 | | | | |
| JUN | 100.0 | | | | | | | | | | | | | | 900 | | | | |
| JUL | 100.0 | | | | | | | | | | | | | | 930 | | | | |
| AUG | 100.0 | | | | | | | | | | | | | | 930 | | | | |
| SEP | 100.0 | | | | | | | | | | | | | | 900 | | | | |
| OCT | 100.0 | | | | | | | | | | | | | | 730 | | | | |
| NOV | 87.8 | 8.2 | 2.3 | 1.6 | .4 | 2.2 | .8 | | | | | | | 7.0 | 900 | | | | |
| DEC | 56.1 | 12.7 | 9.4 | 5.3 | 3.0 | 6.0 | 3.4 | | | | | | | 29.7 | 930 | | | | |
| ANNUAL | 82.2 | 4.2 | 3.4 | 2.2 | 1.6 | 3.3 | 2.1 | .3 | .1 | | | | | 12.2 | 11757 | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE
STATION STATION NAME

48-78
YEARS

DAILY SNOW DEPTH IN INCHES

| MONTH YEAR | JAN. | FEB | MAR | APR. | MAY | JUN. | JUL. | AUG | SEP. | OCT | NOV | DEC | ALL MONTHS |
|---------------|------|-----|-----|-------|-----|------|------|-----|------|-----|-------|-------|---------------|
| 48 | | | | | | | | | | | | 6 | |
| 49 | 11 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 15 |
| 50 | 4 | 7 | 2 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 7 |
| 51 | 2 | 2 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 10 | 10 |
| 52 | 7 | 2 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 7 | 9 |
| 53 | 4 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 |
| 54 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| 55 | 7 | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 8 |
| 56 | 8 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 2 | 8 |
| 57 | 6 | 2 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 3 | 9 |
| 58 | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | TRACE | 5 |
| 59 | 4 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 8 |
| 60 | 10 | 13 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 1 | 31 |
| 61 | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 11 | 11 |
| 62 | 6 | 10 | 10 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 2 | 10 |
| 63 | 5 | 5 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 12 |
| 64 | 5 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 3 | 5 |
| 65 | 4 | 19 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19 |
| 66 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 |
| 67 | 6 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 |
| 68 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 5 |
| 69 | 4 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 10 | 10 |
| 70 | 11 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 11 |
| 71 | 12 | 12 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 3 | 12 |
| 72 | 1 | 5 | 2 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 7 | 10 |
| 73 | 7 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 11 | 11 |
| 74 | 17 | 2 | 2 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 17 |
| 75 | 19 | 14 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 19 |
| 76 | 2 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 2 | 5 |
| 77 | 6 | 2 | 3 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 6 |
| MEAN | | | | | | | | | | | | | |
| S D. | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

USAF ETAC FORM 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. **Extreme Values - Peak Gusts:** Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. **Bivariate percentage frequency tabulations:** Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES SURFACE WINDS

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE

48-78

STATION

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

| MONTH YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP. | OCT | NOV | DEC | ALL MONTHS |
|---------------|--|-----|-----|-----|---|---------------------|-----|-----|------|-------------|-----|-----|---------------|
| 48 | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | |
| 52 | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | |
| 57 | S 32NW *32W *24 | | | | SSE*42NNh 36SE | NNW*42 | | | | NNh*35NW 43 | | | |
| 58 | NW 31NW 30SSE 25WSW 46WNW 31S | | | | 37S 42N 28W | 30SSE 32WNW 40NW 33 | | | | | | | WSW 46 |
| 59 | NNW*30NNW 32NNE 45NW 34W 39EN | | | | 42W 36NNW 46SW 32NNW 38NW 35NW 38 | | | | | | | | NNW 46 |
| 60 | S 31NNE 33NW 29NNE 32SW 43W | | | | 59NE 29N 50NE 28NNW 33SE 34NW 36 | | | | | | | | W 59 |
| 61 | N 38NW 27NNW 32NNW 39S | | | | 33SE 36NNW 34WSW*24W 42S *35N *36NNW*33 | | | | | | | | W 42 |
| 62 | NW 36N 38NNW 38NNW 38NNW 47NW | | | | 37S *36NNE*41NNW 31NNW 31NW 34NW *44 | | | | | | | | WNW 47 |
| 63 | NW *32NNW 39SW 56NNW 47SW *40SW | | | | *34NNW*58S *25N 35S 31NNW*38NW 53 | | | | | | | | NNW*58 |
| 64 | S 35SSW 42NW 39NNW 48N | | | | 62SW *48NNW 48W 36SSE 33NW 37WNW 52NNW 33 | | | | | | | | N 62 |
| 65 | NW 52NW 34NNW 46NNW 35NNW 46S | | | | 42WSW*28WSW 43SE 32NW 46NNW 35SSE 33 | | | | | | | | NW 52 |
| 66 | W 33SSE 39NW 60NNW 37NNW 38NW | | | | 40NNW 47N 44NNW 30NW 43N 42NW 33 | | | | | | | | NW 60 |
| 67 | NW 42NW 43S 49WSW 47NNW 40N | | | | 35S 29NNW 31W 40NW 40NW 31SSW 44 | | | | | | | | S 44 |
| 68 | N 31NNW 43NNW 49NNW 44NNW 49S | | | | 4116/ 38 9/ 3220/ 3529/ 4514/ 3522/ 49 | | | | | | | | WNW 49 |
| 69 | 32/ 4632/ 3132/ 4627/ 3234/ 6025/ 6031/ 32 1/ 4234/ 3832/ 3331/ 39 9/ 28 | | | | 34/ 60 | | | | | | | | |
| 70 | 28/ 3834/ 4132/ 3123/ 4823/ 3524/ 3229/ 5832/ 8031/ 3835/ 3634/ 4126/ 44 | | | | 32/ 80 | | | | | | | | |
| 71 | 35/ 4829/ 3730/ 4934/ 4619/ 3524/ 3616/ 3435/ 2627/ 3929/ 4535/ 3733/ 32 | | | | 30/ 49 | | | | | | | | |
| 72 | 29/ 4031/ 4734/ 48 1/ 3626/ 41 8/ 3626/ 4533/ 4225/ 4136/ 28 2/ 3734/ 36 | | | | 34/ 48 | | | | | | | | |
| 73 | 36/ 43 1/ 3425/ 4017/ 5131/ 3918/ 3729/ 46 7/ 3215/ 2919/ 3216/ 2631/ 39 | | | | 17/ 51 | | | | | | | | |
| 74 | 35/ 3835/ 4032/ 3716/ 4235/ 3732/ 3520/ 3629/ 3521/ 3617/ 3234/ 33 1/ 36 | | | | 16/ 42 | | | | | | | | |
| 75 | 33/ 5433/ 4628/ 4828/ 3825/ 4010/ 3234/ 44 1/ 7536/ 3315/ 3834/ 4635/ 36 | | | | 1/ 75 | | | | | | | | |
| 76 | 30/ 40 3/ 4035/ 4817/ 5119/ 3833/ 4517/ 27 3/ 3015/ 3022/ 3436/ 4033/ 38 | | | | 17/ 51 | | | | | | | | |
| 77 | 33/ 4633/ 4324/ 4020/ 4011/ 3434/ 3832/ 3416/ 3018/ 4136/ 3430/ 5232/ 37 | | | | 30/ 52 | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

‡ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

(FROM DAILY OBSERVATIONS)

48-78 _____ YEARS

| MONTH YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG. | SEP | OCT. | NOV | DEC | ALL MONTHS |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|---------------|
| 78 | 31/ 38 | 37/ 40 | 34/ 44 | 32/ 40 | 30/ 43 | 26/ 50 | 26/ 32 | 15/ 51 | 13/ 29 | 16/ 36 | 34/ 34 | | |
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| | | | | | | | | | | | | | |
| MEAN | 39.6 | 38.0 | 42.8 | 41.5 | 41.5 | 40.3 | 37.8 | 41.8 | 34.4 | 36.0 | 38.1 | 37.9 | 55.1 |
| S D | 6.878 | 5.417 | 8.784 | 6.071 | 8.140 | 7.834 | 8.355 | 5.038 | 4.533 | 5.326 | 6.604 | 6.222 | 10.880 |
| TOTAL OBS | 651 | 607 | 647 | 628 | 670 | 645 | 667 | 654 | 622 | 635 | 629 | 637 | 7692 |

NOTES * (BASED ON LESS THAN FULL MONTHS)
USAF ETAC FORM 0-8-5 (OLA) \$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 2.3 | 5.5 | 1.9 | .5 | .2 | .1 | | | | | 11.1 | 9.1 |
| NNE | .2 | .9 | 1.1 | .2 | | | | | | | | 2.4 | 7.3 |
| NE | .2 | .8 | .9 | .1 | | | | | | | | 1.9 | 6.7 |
| ENE | .2 | .2 | .3 | | | | | | | | | .8 | 5.4 |
| E | .5 | 1.0 | .6 | .2 | | | | | | | | 2.4 | 6.1 |
| ESE | 1.0 | 1.0 | 1.4 | .3 | | | | | | | | 3.7 | 6.4 |
| SE | .6 | 1.9 | 1.9 | .4 | | | | | | | | 5.1 | 6.7 |
| SSE | 1.3 | 2.3 | 1.9 | 1.4 | | | | | | | | 6.9 | 7.3 |
| S | 1.6 | 3.4 | 1.2 | .4 | | | | | | | | 6.7 | 5.6 |
| SSW | .3 | .2 | .1 | .1 | | | | | | | | .8 | 5.1 |
| SW | .6 | .6 | .3 | .3 | | | | | | | | 1.9 | 5.8 |
| WSW | .2 | .3 | .2 | .1 | | | | | | | | .9 | 5.9 |
| W | 1.0 | .9 | .3 | .4 | .1 | | | | | | | 2.7 | 6.4 |
| WNW | .2 | 2.6 | 1.4 | .8 | | | | | | | | 4.9 | 7.0 |
| NW | .6 | 2.8 | 4.5 | 3.7 | 1.2 | .9 | | | | | | 13.7 | 10.6 |
| NNW | .4 | 2.2 | 2.6 | 3.2 | 1.4 | .9 | .3 | | | | | 11.0 | 12.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.4 | |
| | 9.8 | 23.2 | 24.3 | 13.7 | 3.2 | 1.9 | .4 | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 2.7 | 5.2 | 2.4 | .4 | .3 | | | | | | 11.7 | 9.1 |
| NNE | .3 | 1.0 | .6 | .6 | | | | | | | | 2.6 | 7.5 |
| NE | .3 | .4 | 1.0 | .1 | .1 | | | | | | | 1.9 | 7.4 |
| ENE | .3 | .5 | .2 | .1 | | | | | | | | 1.2 | 5.5 |
| E | .9 | .8 | 1.1 | .5 | | | | | | | | 3.2 | 6.8 |
| ESE | .9 | .8 | .6 | .2 | .1 | | | | | | | 2.6 | 6.5 |
| SE | 1.1 | 2.8 | 2.4 | .9 | | | | | | | | 7.1 | 6.8 |
| SSE | 1.5 | 1.9 | 1.7 | .6 | | | | | | | | 5.8 | 6.3 |
| S | 1.3 | 2.4 | 1.1 | .4 | | | | | | | | 5.2 | 5.6 |
| SSW | .1 | .8 | .2 | .3 | | | | | | | | 1.4 | 7.7 |
| SW | .3 | .6 | .4 | .2 | | | | | | | | 1.7 | 6.5 |
| WSW | .9 | .4 | | .1 | | | | | | | | 1.4 | 4.0 |
| W | .9 | .8 | .6 | .6 | .1 | | | | | | | 3.1 | 7.3 |
| WNW | 1.1 | 2.0 | 2.5 | .6 | .4 | .1 | | | | | | 6.8 | 7.7 |
| NW | 1.0 | 2.9 | 3.0 | 2.2 | .4 | .5 | .2 | | | | | 10.2 | 9.6 |
| NNW | 1.0 | 1.6 | 3.1 | 4.3 | 1.5 | .1 | .2 | | | | | 11.8 | 11.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.3 | |
| | 12.5 | 22.5 | 23.8 | 14.4 | 3.1 | 1.1 | .4 | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 3.1 | 4.1 | 2.8 | .6 | .1 | | | | | | 11.3 | 9.2 |
| NNE | .1 | .8 | 1.5 | .4 | .1 | | | | | | | 2.9 | 8.4 |
| NE | .6 | 1.3 | .1 | .1 | | | | | | | | 2.2 | 4.9 |
| ENE | .3 | .9 | .1 | .3 | | | | | | | | 1.6 | 6.3 |
| E | 1.0 | .8 | .4 | .5 | | | | | | | | 2.7 | 6.0 |
| ESE | .6 | 1.1 | .6 | .9 | | | | | | | | 3.2 | 7.0 |
| SE | 1.1 | 4.5 | 2.4 | 1.1 | .2 | | | | | | | 7.2 | 7.1 |
| SSE | 1.1 | 2.6 | 2.2 | .4 | | | | | | | | 6.2 | 6.2 |
| S | 1.7 | 1.9 | 1.5 | .4 | | | | | | | | 5.6 | 5.4 |
| SSW | .2 | .4 | .1 | .1 | | | | | | | | 1.1 | 4.9 |
| SW | .5 | .5 | .6 | | | | | | | | | 1.7 | 5.3 |
| WSW | .9 | .4 | | | | | | | | | | 1.3 | 3.1 |
| W | .8 | .6 | .9 | .3 | | | | | | | | 2.6 | 6.4 |
| WNW | .6 | 1.5 | 2.4 | 1.0 | .5 | .1 | | | | | | 6.2 | 9.2 |
| NW | 1.3 | 3.3 | 3.9 | 2.2 | .4 | 1.0 | .1 | | | | | 12.2 | 9.6 |
| NNW | .6 | 1.4 | 2.2 | 3.2 | .8 | .3 | | | | | | 8.5 | 10.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.5 | |
| | 12.0 | 23.3 | 22.9 | 13.8 | 2.7 | 1.0 | .1 | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DI FULT AF 0 NF

STATION NAME

89-78

YEARS

JAN

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 2.7 | 3.1 | 3.2 | .8 | .1 | | | | | | 10.8 | 9.4 |
| NNE | .4 | 1.0 | .9 | .2 | .3 | | | | | | | 2.8 | 7.8 |
| NE | .3 | .9 | .9 | .2 | | | | | | | | 2.3 | 6.6 |
| ENE | .4 | .6 | | .2 | | | | | | | | 1.3 | 5.4 |
| E | 1.0 | .5 | .1 | .1 | | | | | | | | 1.7 | 4.0 |
| ESE | .8 | 1.0 | .5 | 1.1 | | | | | | | | 3.3 | 7.6 |
| SE | 1.2 | 1.2 | 2.4 | 1.5 | .2 | | | | | | | 6.5 | 8.0 |
| SSE | 1.0 | 2.0 | 2.5 | 1.0 | .2 | | | | | | | 6.7 | 7.4 |
| S | 1.7 | 2.9 | 2.9 | .6 | | | | | | | | 8.2 | 6.3 |
| SSW | .2 | 1.3 | .2 | | | | | | | | | 2.0 | 4.5 |
| SW | 1.6 | 1.3 | .6 | .1 | | | | | | | | 3.7 | 4.4 |
| WSW | .6 | 1.4 | .5 | | | | | | | | | 2.6 | 5.0 |
| W | .8 | 1.5 | 1.1 | .4 | | | | | | | | 3.8 | 6.4 |
| WNW | .4 | 1.8 | 2.6 | 2.4 | | | | | | | | 7.2 | 9.1 |
| NW | 1.3 | 2.4 | 3.7 | 3.0 | 1.0 | 1.1 | | | | | | 12.4 | 10.7 |
| NNW | .5 | 1.5 | 2.9 | 3.2 | 1.7 | .8 | | | | | | 10.6 | 12.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.3 | |
| | 13.4 | 24.0 | 24.8 | 17.3 | 4.2 | 1.9 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JAN
MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | .8 | 2.8 | 4.0 | 1.3 | | | | | | | 9.1 | 11.6 |
| NNE | .6 | .9 | .4 | .5 | .1 | .2 | | | | | | 2.8 | 8.8 |
| NE | .4 | 1.5 | 1.2 | .4 | | | | | | | | 3.5 | 6.8 |
| ENE | .4 | .6 | .4 | | | | | | | | | 1.5 | 5.1 |
| E | .2 | .3 | .2 | | | | | | | | | .8 | 5.1 |
| ESE | .1 | .9 | .5 | 1.1 | .2 | | | | | | | 2.8 | 9.7 |
| SE | .4 | 1.6 | 1.8 | 2.2 | | | | | | | | 6.0 | 8.7 |
| SSE | 1.0 | 1.4 | 1.8 | 1.6 | .1 | | | | | | | 6.1 | 8.5 |
| S | 1.0 | 3.7 | 4.2 | 1.1 | | | | | | | | 9.9 | 7.1 |
| SSW | .1 | 1.8 | 1.9 | .9 | | | | | | | | 4.7 | 7.6 |
| SW | .6 | 1.3 | 1.2 | .4 | | | | | | | | 3.5 | 6.8 |
| WSW | 1.1 | 1.3 | 1.9 | .4 | | | | | | | | 4.7 | 6.4 |
| W | .6 | 2.5 | 2.4 | 1.1 | .2 | | | | | | | 6.8 | 7.8 |
| WNW | .5 | 1.1 | 3.4 | 2.3 | .8 | .1 | .3 | | | | | 8.5 | 11.0 |
| NW | .6 | 2.9 | 2.3 | 6.2 | 2.0 | 1.0 | | | | | | 15.1 | 12.1 |
| NNW | .2 | .5 | 1.6 | 3.5 | 1.3 | 1.1 | .2 | | | | | 8.5 | 14.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.6 | |
| | 8.4 | 23.0 | 28.2 | 25.9 | 6.0 | 2.4 | .5 | | | | | 100.0 | 9.1 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 1.5 | 3.0 | 3.3 | .6 | .7 | .1 | | | | | 9.4 | 10.7 |
| NNE | .4 | 1.0 | 1.1 | .5 | | .1 | | | | | | 3.1 | 7.9 |
| NE | .5 | 2.0 | 1.2 | .2 | .1 | | | | | | | 4.1 | 6.4 |
| ENE | .1 | 1.2 | .1 | .1 | | | | | | | | 1.5 | 5.4 |
| E | 1.0 | 1.3 | .2 | .1 | | | | | | | | 2.6 | 4.4 |
| ESE | .4 | 1.3 | 1.5 | .6 | | | | | | | | 3.9 | 7.3 |
| SE | .3 | 1.1 | 2.3 | 1.0 | .2 | | | | | | | 4.8 | 8.8 |
| SSE | .6 | 1.3 | 2.9 | 2.0 | .1 | | | | | | | 7.0 | 8.6 |
| S | 1.0 | 2.6 | 4.4 | 1.1 | | | | | | | | 9.0 | 7.5 |
| SSW | .4 | 1.4 | 1.4 | .1 | | | | | | | | 3.3 | 6.0 |
| SW | .4 | 1.6 | 1.5 | .4 | | | | | | | | 4.0 | 6.9 |
| WSW | 1.1 | 1.4 | 1.5 | .6 | | | | | | | | 4.6 | 6.6 |
| W | .5 | 2.3 | 1.3 | .5 | .2 | | | | | | | 4.8 | 7.0 |
| WNW | .1 | 1.0 | 2.6 | 2.2 | .8 | .2 | | | | | | 6.8 | 10.9 |
| NW | .3 | 1.8 | 3.7 | 4.0 | 2.2 | 1.3 | .4 | | | | | 13.7 | 13.0 |
| NNW | .4 | 1.0 | 1.9 | 3.7 | 1.8 | 1.0 | .2 | .1 | | | | 10.1 | 13.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.3 | |
| | 8.3 | 23.7 | 30.5 | 20.5 | 6.0 | 2.6 | .8 | .1 | | | | 100.0 | 8.7 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

JAN

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 2.0 | 3.9 | 2.0 | .9 | .4 | | | | | | 10.4 | 10.2 |
| NNE | .9 | 2.0 | 1.0 | .5 | | | | | | | | 4.4 | 6.2 |
| NE | .6 | 1.7 | 1.0 | .1 | | | | | | | | 3.4 | 5.9 |
| ENE | .9 | .8 | .3 | | | | | | | | | 1.9 | 4.1 |
| E | 1.3 | 1.3 | 1.0 | .3 | | | | | | | | 3.9 | 5.3 |
| ESE | .3 | 2.0 | 1.3 | .3 | | | | | | | | 4.0 | 6.5 |
| SE | .9 | 2.3 | 1.0 | 1.0 | | | | | | | | 5.1 | 6.7 |
| SSE | .3 | 1.7 | 3.0 | 1.2 | | | | | | | | 6.2 | 8.1 |
| S | 2.7 | 3.0 | 2.3 | .1 | | | | | | | | 8.1 | 5.2 |
| SSW | .8 | 1.3 | .3 | | | | | | | | | 2.4 | 4.6 |
| SW | 1.0 | .6 | .1 | | | | | | | | | 1.7 | 3.5 |
| WSW | .9 | .9 | .2 | | | | | | | | | 1.9 | 4.2 |
| W | 1.6 | 1.2 | .5 | .2 | .1 | .1 | | | | | | 3.8 | 5.5 |
| WNW | .3 | 1.5 | 1.4 | 1.1 | | | | | | | | 4.3 | 8.1 |
| NW | .6 | 2.2 | 3.7 | 2.7 | 1.2 | 1.0 | .2 | | | | | 11.5 | 11.6 |
| NNW | .2 | 1.8 | 1.6 | 3.8 | 1.1 | 1.1 | | .1 | | | | 9.7 | 13.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.2 | |
| | 13.7 | 26.4 | 22.5 | 14.1 | 3.2 | 2.6 | .2 | .1 | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

JAN

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 2.2 | 5.2 | 2.4 | .4 | .2 | | | | | | 11.4 | 9.1 |
| NNE | .4 | 1.5 | 1.0 | .4 | | | | | | | | 4.2 | 7.0 |
| NE | .6 | 1.6 | 1.0 | | | | | | | | | 3.2 | 5.7 |
| ENE | .2 | .3 | | | | | | | | | | .5 | 3.4 |
| E | 1.2 | 1.5 | 1.2 | .2 | | | | | | | | 4.1 | 5.0 |
| ESE | 1.0 | 1.5 | .8 | .3 | | | | | | | | 3.5 | 5.7 |
| SE | .3 | 1.9 | 1.9 | .0 | .1 | | | | | | | 4.9 | 7.5 |
| SSE | 1.3 | 2.4 | 1.4 | .4 | | | | | | | | 5.5 | 5.9 |
| S | 2.0 | 2.0 | 2.0 | 1.4 | | | | | | | | 8.6 | 6.5 |
| SSW | .8 | .6 | .6 | | | | | | | | | 2.0 | 4.9 |
| SW | .3 | .1 | .1 | .4 | | | | | | | | 1.0 | 8.0 |
| WSW | .3 | .5 | .5 | .2 | | | | | | | | 1.6 | 6.5 |
| W | .6 | 1.3 | .5 | .2 | | .1 | | | | | | 2.8 | 6.2 |
| WNW | .2 | 1.2 | 1.2 | .6 | .1 | | | | | | | 3.3 | 8.0 |
| NW | 1.0 | 3.0 | 3.4 | 3.1 | 1.1 | .6 | .5 | | | | | 13.4 | 10.6 |
| NNW | | 1.4 | 2.3 | 3.7 | 1.6 | .5 | | | | | | 9.7 | 12.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.1 | |
| | 12.6 | 23.1 | 24.5 | 14.1 | 3.3 | 1.7 | .5 | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS

930

6
4
0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DEFTT AFB NE
STATION NAME

69-78
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
MOON (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | 2.2 | 4.1 | 2.8 | .7 | .2 | .0 | | | | | 10.6 | 9.7 |
| NNE | .4 | 1.1 | 1.0 | .4 | .1 | .0 | | | | | | 3.1 | 7.5 |
| NE | .5 | 1.3 | .9 | .2 | .0 | | | | | | | 2.8 | 6.3 |
| ENE | .4 | .6 | .2 | .1 | | | | | | | | 1.3 | 5.2 |
| E | .9 | .9 | .6 | .3 | | | | | | | | 2.7 | 5.5 |
| ESE | .6 | 1.2 | .9 | .6 | .0 | | | | | | | 3.4 | 7.0 |
| SE | .8 | 1.9 | 2.0 | 1.1 | .1 | | | | | | | 5.8 | 7.5 |
| SSE | 1.0 | 1.9 | 2.2 | 1.1 | .1 | | | | | | | 6.3 | 7.3 |
| S | 1.7 | 2.7 | 2.5 | .7 | | | | | | | | 7.6 | 6.3 |
| SSW | .4 | 1.0 | .6 | .2 | | | | | | | | 2.2 | 6.0 |
| SW | .7 | .9 | .6 | .2 | | | | | | | | 2.4 | 5.9 |
| WSW | .7 | .8 | .6 | .2 | | | | | | | | 2.4 | 5.6 |
| W | .8 | 1.4 | 1.0 | .5 | .1 | .0 | | | | | | 3.8 | 6.8 |
| WNW | .4 | 1.6 | 2.2 | 1.4 | .3 | .1 | .0 | | | | | 6.0 | 9.1 |
| NW | .9 | 2.7 | 3.5 | 3.4 | 1.2 | .2 | .2 | | | | | 12.8 | 11.0 |
| NNW | .4 | 1.4 | 2.3 | 3.0 | 1.4 | .7 | .1 | .0 | | | | 10.0 | 12.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.7 | |
| | 11.3 | 23.6 | 25.2 | 16.1 | 4.0 | 2.0 | .4 | .0 | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS

7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.5 | 4.3 | 3.1 | .6 | .1 | | | | | | 11.2 | 10.0 |
| NNE | .7 | .9 | 1.1 | .4 | .4 | .2 | | | | | | 3.7 | 8.7 |
| NE | .6 | 1.5 | .2 | .4 | | .1 | | | | | | 2.8 | 6.3 |
| ENE | 1.4 | 1.5 | .8 | | | | | | | | | 3.8 | 4.8 |
| E | 1.1 | 4.1 | 1.7 | .4 | | | | | | | | 7.2 | 5.7 |
| ESE | .6 | 2.4 | 2.0 | 1.1 | | | | | | | | 6.0 | 7.4 |
| SE | .5 | 2.0 | 1.5 | .1 | | | | | | | | 4.1 | 6.3 |
| SSE | 1.5 | 1.8 | 1.4 | .6 | | | | | | | | 5.3 | 5.9 |
| S | .8 | .9 | .6 | .7 | | | | | | | | 3.1 | 6.0 |
| SSW | .2 | .5 | | | | | | | | | | .7 | 4.2 |
| SW | .1 | .6 | .6 | | | | | | | | | 1.3 | 6.7 |
| WSW | .4 | .5 | .1 | .1 | | | | | | | | 1.1 | 4.9 |
| W | .4 | 1.1 | .2 | .2 | | | | | | | | 1.9 | 5.6 |
| WNW | 1.2 | 1.9 | 1.7 | .6 | .1 | .5 | | | | | | 5.9 | 7.8 |
| NW | .8 | 3.3 | 3.0 | .6 | .5 | .1 | | | | | | 8.3 | 7.4 |
| NNW | .6 | 1.2 | 2.6 | 4.4 | 1.5 | .5 | | | | | | 10.9 | 12.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.8 | |
| | 12.1 | 5.8 | 21.7 | 12.5 | 3.1 | 2.0 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 1.8 | 3.2 | 2.8 | .8 | .4 | | | | | | 10.3 | 2.8 |
| NNE | .5 | .7 | 1.2 | .6 | .2 | .1 | | | | | | 3.3 | 9.3 |
| NE | 1.2 | 1.4 | .1 | | | | | | | | | 2.7 | 4.0 |
| ENE | 1.3 | .9 | .0 | | | | | | | | | 2.8 | 4.3 |
| E | 1.4 | 2.6 | 2.0 | .6 | | | | | | | | 5.6 | 6.2 |
| ESE | .5 | 2.4 | 2.2 | .6 | | | | | | | | 5.7 | 7.0 |
| SE | .6 | 1.7 | 1.8 | .7 | .1 | | | | | | | 4.8 | 7.4 |
| SSE | .9 | 1.1 | 1.2 | .7 | | | | | | | | 3.9 | 6.6 |
| S | .7 | 1.3 | .8 | .1 | | | | | | | | 3.0 | 5.6 |
| SSW | .5 | .4 | | | | | | | | | | .8 | 2.9 |
| SW | .4 | .5 | .2 | | | | | | | | | 1.1 | 5.4 |
| WSW | .9 | .4 | .2 | | | | | | | | | 1.5 | 3.7 |
| W | 1.3 | .9 | .8 | .1 | | | | | | | | 3.2 | 5.3 |
| WNW | .4 | 1.5 | .9 | .5 | .2 | | | | | | | 3.5 | 7.8 |
| NW | .8 | 4.3 | 3.4 | 1.2 | .5 | .1 | | | | | | 10.3 | 7.5 |
| NNW | .6 | 1.5 | 3.2 | 4.6 | 1.3 | .1 | | | | | | 11.3 | 11.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.1 | |
| | 13.2 | 23.3 | 22.0 | 12.5 | 3.2 | .7 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

FEB

MONTH

ALL WEATHER

CLASS

0000-0800

HOURE (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 2.1 | 4.5 | 5.2 | .5 | .1 | | | | | | 13.4 | 9.9 |
| NNE | .5 | .9 | 1.1 | .4 | .1 | .1 | | | | | | 3.1 | 8.1 |
| NE | .2 | 2.0 | .1 | | | | | | | | | 2.4 | 4.9 |
| ENE | 1.3 | 1.2 | .7 | .1 | | | | | | | | 3.3 | 4.8 |
| E | 1.2 | 1.8 | 3.0 | .2 | | | | | | | | 6.1 | 6.6 |
| ESE | .7 | 1.4 | 2.4 | 1.3 | | | | | | | | 5.9 | 7.8 |
| SE | .5 | 2.4 | 1.9 | .5 | | | | | | | | 5.2 | 6.5 |
| SSE | 1.3 | 1.2 | .9 | .1 | | | | | | | | 3.5 | 5.1 |
| S | 1.4 | 1.1 | 1.1 | .4 | | | | | | | | 3.7 | 5.5 |
| SSW | 1.1 | .5 | .1 | | | | | | | | | 1.7 | 3.7 |
| SW | .4 | .4 | .1 | | | | | | | | | .8 | 3.9 |
| WSW | .8 | .9 | | | | | | | | | | 1.6 | 3.6 |
| W | .9 | .9 | .4 | .1 | | | | | | | | 2.4 | 5.1 |
| WNW | .6 | 1.7 | 1.1 | 1.1 | .4 | .1 | | | | | | 4.8 | 8.8 |
| NW | .4 | 2.7 | 2.8 | 2.1 | .4 | | | | | | | 8.4 | 8.6 |
| NNW | .5 | 1.3 | 1.9 | 3.4 | 1.1 | .2 | | | | | | 8.4 | 11.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.1 | |
| | 12.6 | 22.5 | 22.0 | 14.9 | 2.4 | .9 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

NIHUT AF 3 NE
STATION NAME

60-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | 1.2 | 4.6 | 5.4 | 1.3 | .2 | | | | | | 13.4 | 11.2 |
| NNE | .2 | 1.3 | 1.3 | 1.1 | .1 | | | | | | | 4.0 | 8.3 |
| NE | .2 | 1.4 | 1.7 | .4 | | | | | | | | 3.7 | 7.5 |
| ENE | .2 | 2.1 | 1.2 | .2 | | | | | | | | 3.8 | 6.2 |
| E | .4 | 1.1 | 1.8 | .7 | | | | | | | | 3.6 | 7.8 |
| ESE | .8 | .6 | 1.8 | 1.9 | | .1 | | | | | | 5.2 | 9.3 |
| SE | .8 | 1.3 | 2.4 | 1.2 | .1 | | | | | | | 5.8 | 8.0 |
| SSE | .7 | 2.2 | 1.4 | .7 | .1 | | | | | | | 5.2 | 7.1 |
| S | 2.0 | 2.6 | 2.1 | 1.2 | | | | | | | | 7.9 | 6.3 |
| SSW | .9 | .9 | .9 | .1 | | | | | | | | 3.0 | 5.3 |
| SW | .6 | .7 | .8 | | .1 | | | | | | | 2.2 | 6.1 |
| WSW | .4 | 1.1 | .9 | .1 | | | | | | | | 2.5 | 5.9 |
| W | .3 | 1.2 | 1.2 | .1 | | | | | | | | 3.3 | 5.8 |
| WNW | .2 | 2.2 | 1.5 | 1.5 | .6 | .4 | | | | | | 6.5 | 9.6 |
| NW | .6 | 1.4 | 2.2 | 3.7 | .5 | .4 | | | | | | 9.0 | 10.9 |
| NNW | .2 | .1 | 2.5 | 5.0 | .6 | .4 | | | | | | 8.7 | 12.6 |
| VARBL | | | | | | | | | | | | 11.9 | |
| CALM | | | | | | | | | | | | | |
| | 10.0 | 21.5 | 28.4 | 23.3 | 3.4 | 1.4 | | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS

840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

FEB

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | 1.9 | 4.8 | 4.4 | 1.7 | | | | | | | 13.0 | 11.0 |
| NNE | .5 | .7 | .6 | 1.1 | | | | | | | | 2.8 | 8.3 |
| NE | .2 | 1.3 | 2.7 | .4 | | | | | | | | 4.6 | 7.7 |
| ENE | .1 | .9 | 1.1 | .4 | | | | | | | | 2.5 | 7.4 |
| E | .4 | 1.3 | 1.7 | .2 | .1 | | | | | | | 3.7 | 7.5 |
| ESE | .5 | .6 | 1.1 | 1.3 | .2 | | | | | | | 3.7 | 9.7 |
| SE | .4 | .8 | 2.2 | 2.7 | .5 | | | | | | | 6.6 | 10.3 |
| SSE | .7 | 1.4 | 2.4 | 1.1 | | | | | | | | 5.6 | 7.8 |
| S | .7 | 2.2 | 4.4 | 2.1 | | | | | | | | 9.5 | 8.1 |
| SSW | .2 | .7 | 1.2 | .8 | | | | | | | | 3.0 | 8.2 |
| SW | .5 | 2.1 | 2.5 | 1.1 | | | | | | | | 6.1 | 7.4 |
| WSW | .2 | .7 | 1.7 | | | | | | | | | 2.6 | 6.9 |
| W | .4 | 1.5 | 1.3 | .6 | .2 | | | | | | | 4.0 | 7.8 |
| WNW | .5 | 1.2 | 2.6 | 1.4 | .7 | .2 | .1 | | | | | 6.7 | 10.3 |
| NW | .5 | 1.8 | 3.2 | 3.2 | .7 | .2 | .1 | | | | | 9.7 | 10.5 |
| NNW | .7 | .9 | 3.1 | 5.7 | 1.9 | .2 | .4 | | | | | 12.4 | 13.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.5 | |
| | 6.1 | 20.2 | 36.4 | 26.4 | 6.0 | .7 | .6 | | | | | 100.0 | 9.3 |

TOTAL NUMBER OF OBSERVATIONS

840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE
STATION NAME

67-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 1.4 | 5.0 | 5.2 | .6 | .5 | | | | | | 13.7 | 11.1 |
| NNE | .4 | 1.2 | .8 | 1.1 | | | | | | | | 3.4 | 8.2 |
| NE | .2 | .5 | 1.7 | 1.1 | | | | | | | | 3.4 | 9.2 |
| ENE | .6 | 1.7 | 1.4 | .2 | | | | | | | | 3.6 | 6.2 |
| E | .4 | 1.8 | 1.4 | .5 | | | | | | | | 4.0 | 6.9 |
| ESE | .4 | .6 | 1.7 | 1.2 | .1 | | | | | | | 4.1 | 8.9 |
| SE | .5 | 1.2 | 1.9 | 1.6 | .1 | | | | | | | 5.4 | 9.0 |
| SSE | .1 | 1.3 | 1.7 | 2.2 | | | | | | | | 5.3 | 9.5 |
| S | 1.2 | 2.6 | 3.3 | 1.2 | | | | | | | | 8.3 | 7.2 |
| SSW | .6 | 1.8 | .7 | .2 | | | | | | | | 3.3 | 5.9 |
| SW | .7 | 2.0 | 1.4 | .7 | | | | | | | | 4.8 | 6.7 |
| WSW | .2 | 1.3 | 1.9 | .5 | | | | | | | | 3.9 | 7.5 |
| W | .2 | 2.1 | 1.4 | 1.1 | .1 | | | | | | | 5.0 | 8.0 |
| WNW | .2 | 1.9 | 1.9 | 1.7 | .4 | | | | | | | 6.0 | 9.3 |
| NW | .2 | 2.0 | 3.5 | 3.0 | 1.1 | .4 | .4 | | | | | 10.5 | 11.5 |
| NNW | .1 | .5 | 3.2 | 5.3 | 2.2 | .6 | | | | | | 11.9 | 13.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.8 | |
| | 6.5 | 24.0 | 33.5 | 26.8 | 4.6 | 1.4 | .4 | | | | | 100.0 | 9.2 |

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE
STATION NAME

57-78
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 2.8 | 4.5 | 3.5 | .5 | .5 | | | | | | 13.0 | 9.6 |
| NNE | .4 | 1.7 | 1.3 | .8 | .5 | .1 | | | | | | 4.7 | 9.1 |
| NE | 1.2 | 1.4 | 1.4 | .6 | .1 | .1 | | | | | | 4.8 | 7.1 |
| ENE | 1.1 | 1.2 | .5 | .4 | | | | | | | | 3.1 | 5.3 |
| E | .4 | 3.0 | 2.4 | .2 | | | | | | | | 5.9 | 6.5 |
| ESE | 1.2 | 1.8 | 1.8 | .4 | .1 | | | | | | | 5.8 | 7.1 |
| SE | .6 | 1.8 | 1.7 | 1.1 | | | | | | | | 5.1 | 7.4 |
| SSE | .6 | 2.1 | 1.5 | 1.4 | | | | | | | | 5.9 | 7.1 |
| S | 2.2 | 1.8 | .9 | .2 | | | | | | | | 5.2 | 4.2 |
| SSW | .6 | 1.3 | .4 | | | | | | | | | 2.2 | 4.6 |
| SW | .5 | .6 | .1 | | | | | | | | | 1.2 | 4.0 |
| WSW | .6 | .2 | .1 | .1 | | | | | | | | 1.1 | 4.6 |
| W | .8 | 1.5 | .2 | .5 | | | | | | | | 3.1 | 6.0 |
| WNW | 1.2 | 1.2 | .2 | .7 | .4 | .1 | | | | | | 3.8 | 7.6 |
| NW | .5 | 2.4 | 2.5 | .6 | .5 | .5 | | | | | | 6.9 | 8.9 |
| NNW | .7 | 1.7 | 3.9 | 5.2 | 1.8 | .2 | | | | | | 13.5 | 11.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.8 | |
| | 13.7 | 26.4 | 23.4 | 10.3 | 3.9 | 1.5 | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DI PUTT AFB NE

STATION NAME

69-78

YEARS

FEB

MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | 2.1 | 3.9 | 3.7 | .7 | .4 | | | | | | 11.3 | 10.4 |
| NNE | .7 | 2.0 | 1.3 | .0 | .2 | .2 | | | | | | 5.3 | 8.4 |
| NE | .5 | 1.5 | 1.2 | .1 | .1 | | | | | | | 3.4 | 6.4 |
| ENE | .5 | 1.5 | 1.1 | .1 | | | | | | | | 3.2 | 6.0 |
| E | 1.2 | 2.6 | 2.2 | .4 | | | | | | | | 6.4 | 6.1 |
| ESE | 1.4 | 1.5 | 1.2 | 1.1 | .2 | | | | | | | 5.4 | 7.2 |
| SE | 1.1 | 2.0 | 2.5 | .4 | | | | | | | | 6.5 | 6.2 |
| SSE | .8 | 1.5 | 1.3 | .7 | | | | | | | | 4.4 | 7.1 |
| S | 1.1 | 1.8 | .9 | .8 | | | | | | | | 4.6 | 6.3 |
| SSW | .6 | 1.1 | .2 | | | | | | | | | 1.9 | 4.9 |
| SW | .2 | .1 | | | | | | | | | | .4 | 2.7 |
| WSW | .2 | .4 | | | | | | | | | | .6 | 3.4 |
| W | .4 | .4 | .1 | | .2 | | | | | | | 1.1 | 8.0 |
| WNW | 1.2 | 2.2 | 1.5 | .2 | .2 | .4 | | | | | | 5.8 | 7.3 |
| NW | .4 | 3.4 | 2.2 | 1.7 | | | | | | | | 7.7 | 7.6 |
| NNW | .4 | 2.0 | 2.7 | 3.8 | 1.1 | .5 | .4 | | | | | 10.8 | 11.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.3 | |
| | 11.1 | 26.8 | 22.5 | 13.7 | 2.8 | 1.4 | .4 | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

WIFUTT AFD NE
STATION NAME

59-78
YEARS

FEB
MONTH

ALL WFT/THEN
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 1.9 | 4.4 | 4.7 | .8 | .3 | | | | | | 12.4 | 10.4 |
| NNE | .7 | 1.2 | 1.1 | .6 | .2 | .1 | | | | | | 3.8 | 8.0 |
| NE | .5 | 1.4 | 1.1 | .4 | .0 | .0 | | | | | | 3.5 | 6.8 |
| ENE | .6 | 1.4 | .9 | .2 | | | | | | | | 3.3 | 5.6 |
| E | .0 | 2.3 | 2.0 | .4 | .0 | | | | | | | 4.5 | 6.5 |
| ESE | .8 | 1.4 | 1.8 | 1.2 | .1 | .0 | | | | | | 5.2 | 7.9 |
| SE | .0 | 1.7 | 2.0 | 1.0 | .1 | | | | | | | 5.5 | 7.7 |
| SSE | .9 | 1.6 | 1.5 | .9 | .0 | | | | | | | 4.9 | 7.1 |
| S | 1.3 | 1.8 | 1.8 | .6 | | | | | | | | 5.7 | 6.5 |
| SSW | .0 | .9 | .4 | .1 | | | | | | | | 2.1 | 5.5 |
| SW | .4 | .9 | .7 | .6 | .0 | | | | | | | 2.2 | 6.4 |
| WSW | .5 | .7 | .6 | .1 | | | | | | | | 1.9 | 5.7 |
| W | .7 | 1.2 | .7 | .3 | .1 | | | | | | | 3.0 | 6.6 |
| WNW | .7 | 1.7 | 1.4 | 1.0 | .4 | .2 | .0 | | | | | 5.4 | 8.7 |
| NW | .2 | .7 | 2.2 | 2.0 | .5 | .2 | .1 | | | | | 8.8 | 9.2 |
| NNW | .4 | 1.2 | 2.9 | 4.7 | 1.4 | .3 | .1 | | | | | 11.0 | 12.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.9 | |
| | 10.7 | 23.8 | 26.2 | 18.3 | 3.7 | 1.2 | .2 | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS

6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DEPUTT AFB NF

STATION NAME

57-78

YEARS

MAR

MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | 2.4 | 4.0 | 3.7 | .1 | .4 | .1 | | | | | 10.9 | 10.1 |
| NNE | .5 | 1.6 | 2.5 | 2.3 | | | | | | | | 6.9 | 8.5 |
| NE | 1.1 | 1.6 | 1.5 | .9 | .1 | | | | | | | 5.1 | 7.3 |
| ENE | .8 | 2.2 | .8 | .1 | | | | | | | | 3.8 | 5.2 |
| E | 1.4 | 2.2 | 1.3 | 1.0 | | | | | | | | 5.8 | 6.4 |
| ESE | .4 | 4.3 | 2.4 | 1.1 | .6 | | | | | | | 8.9 | 7.7 |
| SE | .9 | 2.4 | 2.6 | 1.1 | | | | | | | | 6.9 | 7.2 |
| SSE | .2 | .9 | .9 | .2 | | | | | | | | 2.6 | 6.6 |
| S | .6 | 1.2 | 1.3 | 1.2 | .2 | | | | | | | 4.5 | 8.3 |
| SSW | .3 | .2 | .2 | .3 | | | | | | | | 1.7 | 6.9 |
| SW | .3 | .2 | .2 | .1 | | | | | | | | 1.2 | 6.6 |
| WSW | .3 | .1 | .1 | .1 | .2 | | | | | | | .9 | 9.3 |
| W | 1.0 | .6 | .6 | .2 | | .2 | | | | | | 2.8 | 7.6 |
| WNW | .9 | 1.8 | 1.3 | 1.2 | .5 | .2 | | | | | | 6.0 | 9.0 |
| NW | 1.2 | 2.3 | 3.1 | 2.2 | .3 | | .1 | | | | | 9.1 | 8.8 |
| NNW | .1 | 1.2 | 1.0 | 2.2 | .8 | .3 | .1 | | | | | 5.6 | 12.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.5 | |
| | 10.4 | 25.4 | 24.3 | 17.1 | 2.9 | 1.4 | .2 | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DEPUTT AFB RF

STATION NAME

67-78

YEARS

MAR

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 2.3 | 4.7 | 2.7 | .8 | .1 | .1 | | | | | 11.1 | 9.9 |
| NNE | 1.0 | 1.2 | 2.0 | 1.1 | | | | | | | | 5.3 | 7.7 |
| NE | .8 | 1.7 | 1.2 | 1.0 | | | | | | | | 4.6 | 7.5 |
| ENE | .5 | 1.9 | 1.0 | .5 | | | | | | | | 3.8 | 5.9 |
| E | .8 | 2.9 | 1.4 | .9 | .4 | | | | | | | 6.3 | 7.5 |
| ESE | 1.2 | 2.6 | 1.9 | 1.3 | .3 | | | | | | | 7.3 | 7.5 |
| SE | 1.0 | 2.6 | 1.9 | 1.7 | .2 | | | | | | | 7.4 | 8.0 |
| SSE | .0 | .8 | 1.1 | .6 | .1 | | | | | | | 3.2 | 7.9 |
| S | .8 | 1.2 | .8 | .5 | | .1 | | | | | | 3.1 | 6.4 |
| SSW | .2 | .5 | .4 | .1 | | | | | | | | 1.3 | 6.5 |
| SW | .1 | .1 | .1 | .4 | .1 | | | | | | | .9 | 10.9 |
| WSW | | | .1 | .2 | .2 | | | | | | | .5 | 14.8 |
| W | .4 | .9 | .5 | .1 | .1 | .2 | .1 | | | | | 2.3 | 9.4 |
| WNW | .8 | 2.4 | 1.7 | .9 | .2 | .2 | | | | | | 6.1 | 7.9 |
| NW | 1.5 | 2.8 | 2.9 | 2.5 | .4 | .2 | .1 | | | | | 10.4 | 8.9 |
| NNW | .4 | 1.2 | 1.2 | 3.0 | .8 | | .1 | | | | | 6.7 | 11.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.7 | |
| | 10.4 | 24.9 | 23.0 | 17.0 | 3.7 | .7 | .4 | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949 DUFUTT AFB NE 69-78 MAR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (LST)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | 2.3 | 4.7 | 1.7 | 1.1 | .1 | | | | | | 10.2 | 9.7 |
| NNE | .6 | 1.9 | 2.2 | 1.0 | .2 | | | | | | | 5.9 | 7.9 |
| NE | 1.1 | 1.7 | 2.3 | .6 | .2 | | | | | | | 5.9 | 7.4 |
| ENE | .4 | 1.6 | 1.0 | .2 | .1 | | | | | | | 3.3 | 6.6 |
| E | .6 | 1.7 | 1.1 | 1.2 | | | | | | | | 4.7 | 7.6 |
| ESE | 1.1 | 2.7 | 1.6 | 1.4 | .1 | .1 | | | | | | 7.0 | 7.4 |
| SE | .6 | 2.9 | 2.3 | 1.0 | .4 | | | | | | | 7.2 | 7.9 |
| SSE | .8 | 1.2 | 1.3 | 1.4 | .3 | | | | | | | 4.9 | 8.3 |
| S | .5 | 1.3 | .8 | .5 | | .3 | | | | | | 3.4 | 8.3 |
| SSW | .2 | .1 | .1 | | | | | | | | | .4 | 4.5 |
| SW | .2 | .1 | | | | | | | | | | .3 | 3.0 |
| WSW | .1 | .2 | .3 | .1 | .5 | | | | | | | 1.3 | 12.0 |
| W | .5 | .6 | .5 | .1 | .1 | | | | | | | 1.9 | 6.3 |
| WNW | .3 | 1.9 | 1.6 | 1.0 | .2 | .2 | .3 | | | | | 5.6 | 10.0 |
| NW | 1.5 | 3.0 | 2.5 | 3.3 | .2 | .3 | | .1 | | | | 11.0 | 9.0 |
| NNW | .1 | .6 | 1.8 | 4.0 | .8 | .3 | .1 | | | | | 8.4 | 12.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.4 | |
| | 9.2 | 24.0 | 24.0 | 18.2 | 4.3 | 1.4 | .4 | .1 | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 930

4
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14949
STATION

WUFTT AFB AF

STATION NAME

59-78

YEARS

MAR

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | .8 | 4.8 | 4.7 | 1.2 | .3 | .1 | | | | | 12.0 | 11.9 |
| NNE | .2 | 1.2 | 2.9 | 1.2 | .4 | | | | | | | 5.9 | 9.2 |
| NE | .4 | 1.2 | 2.5 | 1.6 | .2 | | | | | | | 6.1 | 9.5 |
| ENE | .2 | 1.7 | 1.6 | .6 | | | | | | | | 4.5 | 7.5 |
| E | .2 | 1.4 | 1.9 | 1.2 | .2 | | | | | | | 4.9 | 9.0 |
| ESE | .3 | 1.1 | 1.6 | 1.0 | .5 | .1 | | | | | | 4.6 | 10.1 |
| SE | .8 | 1.0 | 2.5 | 1.1 | .6 | .1 | | | | | | 6.0 | 9.3 |
| SSE | .4 | 1.4 | 2.5 | 1.6 | .4 | .2 | | | | | | 6.5 | 9.7 |
| S | 1.1 | 2.5 | 2.3 | 2.4 | .5 | | | | | | | 8.7 | 8.9 |
| SSW | .2 | .9 | .8 | .4 | | .2 | | | | | | 2.5 | 8.5 |
| SW | .2 | .8 | .5 | .3 | .2 | | | | | | | 2.0 | 8.3 |
| WSW | .2 | .6 | .5 | .3 | | .3 | | | | | | 2.0 | 9.8 |
| W | .4 | .8 | 1.2 | .4 | .2 | | | | | | | 3.0 | 8.2 |
| WNW | .6 | 1.1 | 1.6 | 1.3 | .2 | .4 | .2 | | | | | 5.5 | 10.9 |
| NW | .3 | 1.3 | 1.9 | 2.9 | 1.7 | .3 | .2 | | | | | 8.7 | 12.7 |
| NNW | .3 | .4 | 1.8 | 5.6 | .8 | .2 | | | | | | 9.1 | 12.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.6 | |
| | 6.3 | 18.0 | 31.0 | 27.0 | 7.3 | 2.1 | .5 | | | | | 100.0 | 9.5 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949 HIFUT AF NE 69-78 MAR
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1200-1400
CONDITION HOURS (L.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 1.2 | 3.9 | 5.1 | 1.2 | .4 | | | | | | 12.2 | 11.9 |
| NNE | | .4 | 2.0 | 1.3 | .2 | | | | | | | 4.0 | 9.8 |
| NE | .3 | 1.3 | 2.0 | 2.4 | .2 | .1 | | | | | | 6.3 | 9.8 |
| ENE | .5 | 1.3 | 2.0 | .5 | | .1 | | | | | | 4.5 | 7.5 |
| E | .4 | 1.1 | 1.7 | 1.0 | .1 | | | | | | | 4.3 | 8.2 |
| ESE | | .3 | 1.0 | .5 | .5 | | .1 | | | | | 2.7 | 12.6 |
| SE | 1.0 | 1.4 | 3.0 | 1.6 | .9 | .1 | | | | | | 8.0 | 9.4 |
| SSE | .4 | .8 | 2.5 | 1.3 | .6 | .1 | | | | | | 5.7 | 10.4 |
| S | .2 | 1.6 | 2.7 | 3.5 | .5 | .5 | .1 | | | | | 9.5 | 11.4 |
| SSW | | .9 | 1.5 | .6 | | .1 | | | | | | 3.1 | 9.3 |
| SW | .4 | .8 | 1.4 | 1.3 | .3 | | | | | | | 4.2 | 7.6 |
| WSW | .3 | 1.0 | 1.7 | .9 | .2 | .2 | | | | | | 4.3 | 9.5 |
| W | .3 | .6 | 2.8 | .8 | .1 | .1 | | | | | | 4.7 | 8.7 |
| WNW | .2 | 1.4 | 1.2 | 1.0 | .3 | .5 | | | | | | 4.6 | 11.0 |
| NW | | .5 | 2.3 | 3.0 | 1.8 | .3 | .3 | | | | | 8.7 | 14.2 |
| NNW | .3 | .8 | 2.0 | 4.0 | 2.7 | .3 | | | | | | 10.1 | 13.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 4.4 | 15.3 | 14.0 | 28.9 | 9.8 | 3.4 | .5 | | | | | 100.0 | 10.5 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

67-78

YEARS

MAR

MONTH

ALL WEATHER

CLASS

1500-1700

LOCALS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | .6 | 4.3 | 3.7 | 1.0 | .7 | .1 | | | | | 10.6 | 11.3 |
| NNE | .1 | .9 | 2.3 | 2.4 | .2 | .2 | | | | | | 6.0 | 10.7 |
| NE | .2 | 1.4 | 2.4 | 1.1 | .4 | | | | | | | 5.5 | 9.1 |
| ENE | .2 | 1.4 | 1.6 | .6 | | | | | | | | 3.7 | 7.5 |
| E | .6 | 1.0 | 1.0 | .9 | .1 | | | | | | | 4.2 | 7.8 |
| ESE | .5 | .8 | 1.3 | 1.3 | .3 | | | | | | | 4.7 | 9.3 |
| SE | .1 | .8 | 2.4 | 2.7 | .5 | | | | | | | 6.5 | 11.3 |
| SSE | .8 | 1.5 | 1.6 | 2.4 | .5 | | | | | | | 6.8 | 9.6 |
| S | .8 | 1.0 | 3.3 | 2.3 | 1.0 | .2 | | | | | | 8.4 | 10.4 |
| SSW | .2 | 1.3 | .8 | .7 | .1 | | | | | | | 3.2 | 8.1 |
| SW | .4 | .6 | 1.2 | 1.2 | .5 | .7 | | | | | | 4.2 | 10.9 |
| WSW | .3 | 1.4 | 1.9 | .6 | .4 | .1 | | | | | | 4.8 | 9.2 |
| W | .1 | 1.3 | 1.6 | .3 | .3 | .7 | | | | | | 3.9 | 9.3 |
| WNW | .3 | 1.2 | 1.6 | 1.1 | .3 | .2 | | | | | | 4.7 | 9.6 |
| NW | .4 | .8 | 2.0 | 3.9 | 1.5 | .5 | .2 | | | | | 9.4 | 13.0 |
| NNW | .1 | .8 | 2.3 | 5.5 | 2.2 | .3 | | | | | | 11.1 | 13.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.2 | |
| | 5.7 | 16.6 | 32.7 | 30.9 | 9.5 | 2.3 | .3 | | | | | 100.0 | 10.4 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

MAR

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 2.5 | 3.2 | 4.1 | .4 | .1 | .3 | | | | | 11.2 | 10.6 |
| NNE | .2 | 1.3 | 2.8 | 2.7 | .2 | .1 | | | | | | 7.3 | 10.1 |
| NE | .0 | 2.0 | 1.6 | .9 | | | | | | | | 4.9 | 7.1 |
| ENE | .5 | 1.5 | 1.5 | .4 | | | | | | | | 4.0 | 6.7 |
| E | 1.1 | 1.8 | 2.7 | .0 | .1 | | | | | | | 6.3 | 6.9 |
| ESE | 1.1 | 2.3 | 1.5 | 1.2 | .2 | | | | | | | 6.2 | 7.3 |
| SE | .9 | 2.6 | 2.4 | 1.9 | .2 | | | | | | | 8.0 | 8.3 |
| SSE | .0 | 1.5 | 1.5 | 1.4 | | | | | | | | 5.2 | 8.0 |
| S | .0 | 2.9 | 2.3 | 1.1 | | | | | | | | 6.9 | 7.2 |
| SSW | .5 | .8 | .4 | .3 | .1 | | | | | | | 2.2 | 7.0 |
| SW | .3 | .8 | .1 | .1 | .1 | .1 | | | | | | 1.5 | 7.1 |
| WSW | .5 | .8 | .3 | .1 | .2 | | | | | | | 1.9 | 6.6 |
| W | .0 | 1.2 | .5 | .4 | .4 | .1 | | | | | | 3.3 | 8.5 |
| WNW | .0 | 1.0 | 1.3 | .4 | .4 | .1 | | | | | | 3.9 | 8.6 |
| NW | .5 | 1.7 | 1.3 | 2.0 | 1.0 | .4 | | | | | | 7.5 | 11.2 |
| NNW | .3 | 1.1 | 3.0 | 4.2 | 1.6 | .1 | | | | | | 10.6 | 11.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.0 | |
| | 9.9 | 25.6 | 26.5 | 22.0 | 5.1 | 1.1 | .3 | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14949
STATION

WRIGHT AFB TX

STATION NAME

69-78

YEARS

MAR

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 2.2 | 3.7 | 3.4 | .4 | .4 | .4 | | | | | 11.3 | 10.5 |
| NNE | .4 | 1.5 | 2.3 | 2.5 | .3 | | | | | | | 7.0 | 9.4 |
| NE | .9 | 1.6 | 1.8 | .6 | .1 | | | | | | | 5.1 | 7.0 |
| ENE | 1.4 | 1.0 | 1.4 | .1 | | | | | | | | 3.9 | 5.7 |
| E | .9 | 2.7 | 1.4 | 1.3 | | | | | | | | 6.2 | 7.1 |
| ESE | 1.2 | 2.8 | 2.2 | .6 | .4 | | | | | | | 7.3 | 7.2 |
| SE | .7 | 2.6 | 2.5 | 2.2 | .1 | | | | | | | 8.2 | 8.0 |
| SSE | 1.0 | 1.1 | .9 | .6 | | .1 | | | | | | 3.7 | 7.1 |
| S | .6 | .9 | 1.8 | 1.6 | .2 | | | | | | | 4.6 | 8.3 |
| SSW | .1 | .8 | .3 | | | | | | | | | 1.2 | 6.0 |
| SW | .1 | .3 | .7 | .1 | .1 | | | | | | | .9 | 8.0 |
| WSW | .2 | .1 | .3 | .2 | .3 | .1 | | | | | | 1.3 | 12.2 |
| W | .4 | 1.0 | .4 | .6 | .4 | | | | | | | 3.0 | 9.4 |
| WNW | .3 | 1.4 | .4 | .7 | .3 | .1 | | | | | | 3.7 | 8.8 |
| NW | .3 | 1.9 | 2.5 | 2.3 | .8 | .3 | | | | | | 8.5 | 10.4 |
| NNW | .9 | 1.8 | 1.5 | 2.2 | .8 | | | | | | | 7.4 | 9.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.9 | |
| | 10.9 | 23.2 | 23.5 | 19.4 | 4.3 | 1.1 | .4 | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949

OFFUTT AFB NE

67-78

MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

CLASS

HOURLS (C.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 1.8 | 4.1 | 3.7 | .8 | .3 | .1 | | | | | 11.2 | 10.8 |
| NNE | .4 | 1.2 | 2.4 | 1.6 | .2 | | | | | | | 6.0 | 9.2 |
| NE | .7 | 1.6 | 1.9 | 1.1 | .2 | .3 | | | | | | 5.4 | 8.2 |
| ENE | .5 | 1.6 | 1.4 | .4 | .3 | .0 | | | | | | 4.9 | 6.6 |
| E | .5 | 1.8 | 1.5 | 1.1 | .1 | | | | | | | 5.4 | 7.5 |
| ESE | .7 | 2.1 | 1.7 | 1.1 | .4 | .3 | .3 | | | | | 6.1 | 8.2 |
| SE | .6 | 2.0 | 2.4 | 1.7 | .4 | .3 | | | | | | 7.3 | 8.6 |
| SSE | .7 | 1.1 | 1.5 | 1.2 | .3 | .1 | | | | | | 4.8 | 8.8 |
| S | .7 | 1.6 | 1.9 | 1.5 | .3 | .1 | .0 | | | | | 6.1 | 9.2 |
| SSW | .2 | .7 | .5 | .3 | .0 | .3 | | | | | | 1.9 | 7.7 |
| SW | .3 | .5 | .5 | .4 | .2 | .0 | | | | | | 1.9 | 9.2 |
| WSW | .3 | .5 | .7 | .3 | .3 | .1 | | | | | | 2.1 | 9.7 |
| W | .5 | .9 | 1.0 | .4 | .2 | .1 | .0 | | | | | 3.1 | 8.5 |
| WNW | .5 | 1.5 | 1.3 | 1.0 | .3 | .2 | .1 | | | | | 5.0 | 9.5 |
| NW | .8 | 1.8 | 2.3 | 2.0 | 1.0 | .4 | .1 | .0 | | | | 9.2 | 10.9 |
| NNW | .3 | 1.0 | 1.0 | 4.0 | 1.3 | .2 | .0 | | | | | 8.6 | 12.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.8 | |
| | 8.5 | 21.7 | 27.4 | 22.7 | 5.8 | 1.7 | .4 | .0 | | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS

7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14949
STATION

OF FULT AFB NE

STATION NAME

69-78

YEARS

APR

MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (LST.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | 1.7 | 3.1 | 4.9 | .9 | .7 | | | | | | 11.3 | 11.0 |
| NNE | .4 | 1.1 | 1.7 | 1.0 | .2 | | | | | | | 5.0 | 9.1 |
| NE | .8 | 1.6 | .0 | 1.0 | .1 | | | | | | | 4.0 | 7.0 |
| ENE | .4 | 1.6 | 1.2 | .1 | | | | | | | | 3.3 | 5.9 |
| E | .9 | 3.3 | 3.4 | .9 | .1 | | | | | | | 8.7 | 7.2 |
| ESE | .6 | 3.4 | 3.2 | 1.9 | | .1 | | | | | | 9.4 | 8.0 |
| SE | .7 | 2.0 | 1.8 | 1.0 | .1 | .7 | | | | | | 5.8 | 8.3 |
| SSE | .0 | 2.2 | 2.0 | 1.3 | .1 | | | | | | | 6.8 | 8.1 |
| S | .7 | 1.6 | 2.3 | 1.4 | .1 | | | | | | | 6.1 | 8.1 |
| SSW | .3 | .6 | .3 | .6 | | | | | | | | 2.0 | 7.3 |
| SW | .4 | .3 | .3 | .7 | .1 | | | | | | | 1.2 | 8.4 |
| WSW | .6 | .3 | .6 | .4 | | | | | | | | 1.9 | 7.2 |
| W | .8 | .7 | 1.6 | .2 | .1 | | | | | | | 3.3 | 7.0 |
| WNW | 1.0 | .6 | 1.0 | .4 | | | | | | | | 3.0 | 6.4 |
| NW | 1.1 | 1.9 | 2.7 | .8 | .0 | | | | | | | 7.0 | 7.9 |
| NNW | .2 | 1.1 | 1.3 | 1.9 | .6 | .2 | .2 | | | | | 5.6 | 11.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.6 | |
| | 10.0 | 24.1 | 27.7 | 18.7 | 3.0 | .11 | .2 | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

WRIGHT AFB NE

STATION NAME

1978

YEARS

APR

MONTH

ALL WEATHER

CLASS

0300-0500

HOURLS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | .9 | 3.0 | 3.0 | .3 | .1 | | | | | | 8.3 | 10.0 |
| NNE | .7 | .7 | 1.4 | 1.3 | .1 | | | | | | | 4.2 | 8.3 |
| NE | .6 | 1.6 | .6 | .1 | | | | | | | | 3.7 | 6.7 |
| ENE | .8 | .7 | .9 | .4 | | | | | | | | 2.8 | 6.5 |
| E | 1.0 | 2.6 | 2.0 | 2.1 | .3 | | | | | | | 8.0 | 8.1 |
| ESE | .6 | 4.2 | 2.0 | 1.0 | .2 | | | | | | | 8.8 | 7.5 |
| SE | 1.1 | 3.0 | 2.1 | 1.7 | .3 | .1 | | | | | | 8.6 | 8.0 |
| SSE | .7 | 1.6 | 2.7 | 1.7 | | | | | | | | 6.6 | 8.3 |
| S | .4 | .9 | 1.7 | 1.2 | | | | | | | | 4.2 | 8.5 |
| SSW | .3 | .4 | .2 | .3 | | | | | | | | 1.3 | 6.8 |
| SW | .2 | .3 | .2 | .2 | | | | | | | | 1.0 | 7.1 |
| WSW | .7 | .4 | .4 | .7 | | | | | | | | 2.2 | 6.8 |
| W | .9 | 1.0 | .6 | .4 | | | | | | | | 2.9 | 5.9 |
| WNW | .6 | 1.2 | .9 | .1 | | | | | | | | 3.4 | 7.2 |
| NW | .6 | 2.8 | 2.0 | 1.3 | .1 | | | | | | | 6.8 | 7.7 |
| NNW | .2 | 2.2 | 2.0 | 2.3 | .9 | .2 | | | | | | 8.2 | 11.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.0 | |
| | 9.1 | 24.7 | 22.7 | 20.9 | 2.3 | .1 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DEPUTY AFS NE

STATION NAME

69-18

YEARS

APR

MONTH

ALL WEATHER

CLASS

0600-0800

NOVARS (L & T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | 1.2 | 4.3 | 3.1 | .6 | .3 | | | | | | 10.7 | 11.0 |
| NNE | | 1.2 | 1.6 | 1.0 | .4 | | | | | | | 4.8 | 10.0 |
| NE | .3 | .8 | 1.0 | .4 | | | | | | | | 3.1 | 7.9 |
| ENE | .7 | 1.1 | 1.0 | .3 | | | | | | | | 3.3 | 6.1 |
| E | 1.4 | 2.2 | 2.0 | 1.0 | .4 | | | | | | | 8.4 | 7.8 |
| ESE | 1.0 | 2.0 | 2.9 | 2.0 | .1 | | | | | | | 8.0 | 8.2 |
| SE | 1.1 | 2.3 | 3.9 | 2.0 | .2 | | | | | | | 10.1 | 8.6 |
| SSE | 1.0 | .0 | 2.9 | 1.2 | .6 | .1 | .2 | | | | | 6.8 | 9.7 |
| S | .7 | 1.0 | 2.6 | 1.6 | | .1 | | | | | | 6.1 | 8.4 |
| SSW | .1 | .3 | .7 | | | | | | | | | 1.1 | 6.9 |
| SW | .1 | .6 | .7 | | | | | | | | | 1.3 | 6.8 |
| WSW | .7 | .3 | .2 | .4 | | | | | | | | 1.2 | 7.7 |
| W | .7 | .9 | .8 | .6 | | | | | | | | 2.9 | 6.8 |
| WNW | .6 | 1.0 | 1.2 | 1.1 | | | | | | | | 3.9 | 8.5 |
| NW | 1.2 | 2.9 | 2.3 | 1.6 | .3 | | | | | | | 8.3 | 7.8 |
| NNW | .6 | 1.0 | 2.0 | 1.4 | 1.7 | .1 | | | | | | 6.8 | 11.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.1 | |
| | 10.4 | 19.7 | 41.3 | 20.6 | 4.3 | .7 | .2 | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DE FULT AFB NC

STATION NAME

69-78

YEARS

APR

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .1 | .6 | 3.9 | 6.3 | .6 | .1 | .2 | | | | | 11.8 | 12.1 |
| NNE | | .9 | 1.4 | 2.1 | .2 | | | | | | | 5.3 | 10.9 |
| NE | | 1.0 | 1.6 | .2 | | | | | | | | 2.8 | 7.6 |
| ENE | .6 | .6 | 1.0 | .2 | | | | | | | | 2.6 | 6.5 |
| E | .4 | 1.2 | 2.9 | 2.0 | .4 | | | | | | | 7.4 | 9.1 |
| ESE | .2 | .9 | 1.9 | 2.1 | .6 | | | | | | | 5.7 | 10.5 |
| SE | .3 | 1.3 | 3.0 | 2.3 | 1.3 | | | | | | | 8.8 | 11.0 |
| SSE | .3 | .9 | 2.3 | 4.0 | 1.0 | .1 | .1 | | | | | 8.9 | 11.9 |
| S | .2 | 1.1 | 4.0 | 4.2 | 1.0 | .4 | .1 | | | | | 11.1 | 11.7 |
| SSW | .2 | .7 | 1.7 | 1.4 | .3 | | | | | | | 4.3 | 9.9 |
| SW | | .6 | 1.9 | .7 | .6 | | .1 | | | | | 3.8 | 11.2 |
| WSW | .1 | .3 | .9 | .9 | .1 | | | | | | | 3.0 | 8.4 |
| W | .3 | .1 | 1.1 | 1.6 | .4 | .1 | | | | | | 3.9 | 11.8 |
| WNW | .2 | .4 | .6 | 1.4 | .6 | | | | | | | 3.2 | 11.3 |
| NW | .4 | .9 | 2.4 | 2.0 | .8 | .1 | | | | | | 6.7 | 10.6 |
| NNW | .6 | .8 | 1.3 | 4.4 | .4 | .4 | .1 | | | | | 8.1 | 12.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.8 | |
| | 5.2 | 12.4 | 31.9 | 37.3 | 8.3 | 1.3 | .7 | | | | | 100.0 | 10.6 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

APR

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | .4 | 2.8 | 4.0 | 1.2 | .2 | | | | | | 8.4 | 11.8 |
| NNE | .5 | .6 | 1.9 | 1.8 | .2 | | | | | | | 4.4 | 10.1 |
| NE | | .8 | 1.8 | 1.3 | | .1 | | | | | | 4.0 | 9.8 |
| ENE | .6 | .7 | 1.1 | .8 | | | | | | | | 3.1 | 7.7 |
| E | .4 | 1.1 | 1.8 | 1.8 | .3 | | | | | | | 5.4 | 9.5 |
| ESE | .1 | .9 | 1.9 | 2.0 | .6 | | | | | | | 5.4 | 10.9 |
| SE | .3 | 1.1 | 2.1 | 3.2 | .9 | .6 | | | | | | 8.2 | 12.4 |
| SSE | .2 | .8 | 2.3 | 4.0 | 1.2 | .1 | | | | | | 8.7 | 12.0 |
| S | .1 | 1.0 | 3.1 | 3.9 | 2.2 | .1 | .2 | | | | | 10.9 | 13.2 |
| SSW | .3 | .2 | 1.0 | 2.4 | .2 | | | | | | | 4.2 | 11.2 |
| SW | .3 | 1.0 | 1.4 | 1.2 | .6 | .1 | .2 | | | | | 4.9 | 11.5 |
| WSW | .1 | .2 | 1.2 | 1.3 | .2 | | | | | | | 3.1 | 11.4 |
| W | .3 | .9 | 1.3 | 2.6 | .7 | | .1 | | | | | 6.1 | 11.7 |
| WNW | | .2 | 1.2 | .7 | 1.7 | | | | | | | 3.8 | 13.6 |
| NW | .2 | 1.4 | 1.8 | 2.7 | 1.3 | .1 | | | | | | 7.9 | 12.1 |
| NNW | .4 | 1.3 | 2.1 | 1.9 | 1.9 | .9 | | | | | | 8.6 | 12.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.4 | |
| | 4.7 | 12.7 | 28.9 | 35.8 | 13.2 | 2.1 | .6 | | | | | 100.0 | 11.5 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14940 DI FUTI AFB AF 67-78 APR
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | .8 | 4.1 | 3.7 | .9 | .1 | | | | | | 9.9 | 11.0 |
| NNE | .2 | 1.0 | 2.0 | 1.0 | .6 | | | | | | | 5.3 | 10.3 |
| NE | .2 | .6 | 1.4 | .6 | .2 | | | | | | | 3.0 | 9.2 |
| ENE | .1 | .6 | 2.2 | .6 | | | | | | | | 3.4 | 8.8 |
| E | .1 | 1.0 | 2.2 | 1.0 | .1 | | | | | | | 5.0 | 9.4 |
| ESE | | .4 | 1.0 | 1.3 | .2 | .2 | | | | | | 4.0 | 11.3 |
| SE | | .8 | 2.7 | 3.3 | .9 | .3 | .1 | | | | | 8.1 | 12.4 |
| SSE | .2 | .6 | 2.0 | 4.4 | 1.8 | | | | | | | 9.0 | 12.8 |
| S | .2 | .9 | 2.7 | 3.6 | 1.4 | .4 | .1 | | | | | 9.6 | 12.6 |
| SSW | .7 | .6 | 1.2 | 2.2 | .4 | | | | | | | 5.1 | 10.4 |
| SW | .4 | .4 | 1.7 | 1.8 | .6 | .1 | | | | | | 5.0 | 10.9 |
| WSW | .4 | .4 | .9 | 1.4 | .2 | | | | | | | 3.7 | 9.8 |
| W | .4 | 1.0 | 1.6 | 2.0 | .9 | .2 | | | | | | 6.1 | 11.2 |
| WNW | .2 | .4 | 1.0 | 1.9 | 1.6 | .1 | .1 | | | | | 5.3 | 13.6 |
| NW | .4 | 1.0 | 1.7 | 2.2 | 1.6 | .4 | .1 | | | | | 7.4 | 12.4 |
| NNW | .3 | 1.2 | 1.6 | 2.6 | 1.8 | .4 | | | | | | 7.9 | 12.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.6 | |
| | 4.4 | 11.7 | 30.7 | 34.7 | 13.1 | 2.4 | .4 | | | | | 100.0 | 11.2 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14940
STATION

WRIGHT AFB NC

STATION NAME

69-78

YEARS

APR

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (LST)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .3 | 2.9 | 4.6 | 3.2 | .7 | .1 | | | | | | 11.8 | 9.7 |
| NNE | .9 | .9 | 2.1 | 1.7 | .1 | | | | | | | 5.7 | 8.7 |
| NE | .8 | 1.1 | .9 | .3 | | | | | | | | 3.1 | 6.0 |
| ENE | .3 | 1.1 | 1.7 | .1 | | | | | | | | 3.2 | 6.7 |
| E | .7 | 2.2 | 2.7 | 1.3 | | | | | | | | 6.9 | 7.4 |
| ESE | .8 | 1.6 | 3.8 | 2.7 | .2 | | | | | | | 9.0 | 9.0 |
| SE | .4 | .9 | 2.2 | 2.8 | | .1 | | | | | | 6.4 | 9.8 |
| SSE | .7 | .4 | 2.2 | 3.3 | .7 | .1 | | | | | | 7.4 | 11.3 |
| S | .4 | 2.8 | 2.8 | 2.1 | .9 | .1 | | | | | | 9.1 | 9.6 |
| SSW | .2 | 1.3 | 1.2 | .4 | | | | | | | | 3.2 | 7.6 |
| SW | .3 | 1.3 | 1.0 | .4 | | | | | | | | 3.6 | 6.5 |
| WSW | .2 | .4 | .8 | .3 | | | | | | | | 1.8 | 8.1 |
| W | .4 | .7 | .4 | .2 | | | | | | | | 1.8 | 6.7 |
| WNW | .4 | 1.0 | 1.4 | 1.4 | .1 | .1 | | | | | | 4.6 | 9.6 |
| NW | .6 | 1.7 | 1.9 | 2.6 | .2 | .3 | | | | | | 7.2 | 10.1 |
| NNW | .4 | 1.3 | 2.0 | 3.3 | 1.2 | .3 | | | | | | 8.7 | 11.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.6 | |
| | 8.4 | 21.7 | 31.7 | 26.3 | 4.1 | 1.2 | | | | | | 100.0 | 8.6 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DEPUTT AFB NE

STATION NAME

59-78

YEARS

APR

MONTH

ALL WEATHER

CLASS

2100-2300

NOON (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 3.1 | 2.0 | 5.0 | .0 | .1 | | | | | | 11.9 | 10.0 |
| NNE | .4 | .8 | 2.0 | .8 | .2 | .1 | | | | | | 4.3 | 8.9 |
| NE | .1 | 1.0 | 1.0 | .0 | | | | | | | | 3.2 | 7.2 |
| ENE | .3 | 1.3 | 2.0 | .1 | | | | | | | | 3.8 | 6.7 |
| E | 1.0 | 2.8 | 4.3 | 1.4 | | | | | | | | 9.6 | 7.5 |
| ESE | .0 | 2.9 | 3.1 | 1.0 | .1 | | | | | | | 8.7 | 7.9 |
| SE | .0 | 1.9 | 3.6 | 1.7 | .1 | .1 | | | | | | 7.9 | 9.0 |
| SSE | .4 | 1.2 | 2.1 | 2.4 | .1 | | | | | | | 6.3 | 9.5 |
| S | .2 | 2.0 | 2.2 | .7 | .1 | .1 | | | | | | 5.7 | 8.7 |
| SSW | .1 | 1.0 | .6 | .4 | | | | | | | | 2.1 | 7.3 |
| SW | .3 | .7 | .4 | .2 | | | | | | | | 1.7 | 6.8 |
| WSW | .9 | .4 | | .2 | | | | | | | | 1.6 | 4.8 |
| W | .7 | .6 | .9 | | | | | | | | | 2.1 | 5.5 |
| WNW | .7 | 1.1 | .7 | .8 | .1 | | | | | | | 3.3 | 7.5 |
| NW | .8 | 2.4 | 2.2 | .7 | .3 | .1 | | | | | | 6.6 | 7.7 |
| NNW | .0 | 1.7 | 2.1 | 1.6 | .8 | .4 | | | | | | 7.1 | 10.7 |
| VARS | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.2 | |
| | 8.0 | 23.4 | 29.2 | 18.6 | 2.7 | 1.1 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14949
STATION

HEFUTT AFB NE

STATION NAME

6-78

YEARS

APR

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | 1.4 | 3.3 | 4.3 | .7 | .2 | .0 | | | | | 10.6 | 10.9 |
| NNE | .4 | .9 | 1.8 | 1.0 | .3 | .0 | | | | | | 4.0 | 9.6 |
| NE | .3 | 1.1 | 1.2 | .7 | .0 | .0 | | | | | | 3.4 | 7.7 |
| ENE | .5 | 1.0 | 1.4 | .3 | | | | | | | | 3.2 | 6.9 |
| E | .0 | 2.1 | 2.0 | 1.0 | .2 | | | | | | | 7.4 | 8.1 |
| ESE | .5 | 2.0 | 2.0 | 1.0 | .2 | .0 | | | | | | 7.4 | 8.8 |
| SE | .6 | 1.7 | 2.7 | 2.4 | .5 | .2 | .0 | | | | | 8.0 | 9.9 |
| SSE | .5 | 1.1 | 2.4 | 2.0 | .7 | .1 | .0 | | | | | 7.5 | 10.7 |
| S | .4 | 1.4 | 2.7 | 2.4 | .7 | .7 | .1 | | | | | 7.8 | 10.6 |
| SSW | .3 | .7 | .9 | 1.0 | .1 | | | | | | | 2.9 | 9.2 |
| SW | .3 | .7 | 1.0 | .6 | .2 | .0 | .0 | | | | | 2.9 | 9.5 |
| WSW | .3 | .4 | .6 | .7 | .1 | | | | | | | 2.2 | 8.4 |
| W | .6 | .7 | 1.0 | 1.0 | .3 | .3 | .0 | | | | | 3.6 | 9.3 |
| WNW | .5 | .7 | 1.0 | 1.1 | .5 | .0 | .0 | | | | | 3.8 | 10.0 |
| NW | .7 | 1.9 | 2.1 | 1.7 | .7 | .2 | .0 | | | | | 7.2 | 9.6 |
| NNW | .4 | 1.3 | 1.8 | 2.4 | 1.2 | .4 | .0 | | | | | 7.6 | 11.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 1.7 | 19.0 | 29.2 | 26.0 | 6.4 | 1.4 | .3 | | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

REFUTT AFB NE
STATION NAME

60-78
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 1.3 | 1.7 | 1.7 | .2 | | | | | | | 6.0 | 8.8 |
| NNE | .5 | 1.0 | .2 | .3 | | | | | | | | 2.4 | 6.2 |
| NE | 1.0 | 1.4 | 1.4 | .2 | | | | | | | | 4.0 | 5.6 |
| ENE | .4 | .9 | 1.1 | .2 | | | | | | | | 2.6 | 6.8 |
| E | 1.5 | 4.1 | 2.9 | .4 | | | | | | | | 8.9 | 6.0 |
| ESE | 1.8 | 4.6 | 1.2 | .5 | | | | | | | | 8.4 | 5.2 |
| SE | 1.5 | 3.6 | 2.2 | .2 | | | | | | | | 7.6 | 5.6 |
| SSE | 1.2 | 1.5 | 3.3 | .6 | | | | | | | | 6.8 | 7.4 |
| S | 1.2 | 1.6 | 3.4 | 1.2 | | | | | | | | 7.7 | 7.5 |
| SSW | .0 | .5 | .3 | .2 | .2 | | | | | | | 1.9 | 7.0 |
| SW | .5 | .2 | .2 | | | | | | | | | 1.0 | 4.2 |
| WSW | .5 | .3 | .3 | | | | | | | | | 1.2 | 4.7 |
| W | .3 | 1.1 | .8 | .2 | | | | | | | | 2.4 | 6.3 |
| WNW | .8 | .9 | .4 | | .1 | .3 | | | | | | 2.5 | 7.4 |
| NW | .9 | 3.0 | 2.0 | .9 | .2 | | | | | | | 7.5 | 7.1 |
| NNW | .6 | .6 | 1.2 | 1.5 | .4 | | .1 | | | | | 4.5 | 10.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.6 | |
| | 14.3 | 27.0 | 23.5 | 8.9 | 1.2 | .2 | .1 | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14949
STATION

DI FUTT AF 14

STATION NAME

69-78

YEARS

MAY

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L & T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 1.2 | 2.2 | 2.4 | .1 | .1 | | | | | | 7.7 | 8.7 |
| NNE | .5 | .5 | 1.3 | .1 | | .1 | | | | | | 2.9 | 6.9 |
| NE | 1.3 | 1.3 | .8 | .5 | | | | | | | | 3.8 | 5.5 |
| ENE | .4 | 1.2 | .8 | | | | | | | | | 2.4 | 5.3 |
| E | 2.9 | 4.4 | 2.3 | .5 | | | | | | | | 10.1 | 5.3 |
| ESE | 1.4 | 4.9 | 1.7 | .5 | | | | | | | | 8.6 | 5.6 |
| SE | .8 | 2.2 | 1.9 | .4 | | | | | | | | 6.3 | 6.2 |
| SSE | .4 | 1.9 | 2.9 | .9 | .2 | | | | | | | 6.7 | 7.6 |
| S | .9 | 1.5 | 2.3 | .2 | | | | | | | | 4.8 | 6.7 |
| SSW | .4 | .1 | .2 | | | | | | | | | .8 | 4.3 |
| SW | .6 | | .3 | | | | | | | | | 1.0 | 4.3 |
| WSW | .5 | .4 | .2 | | | | | | | | | 1.2 | 4.6 |
| W | .4 | .4 | .3 | .4 | | .1 | | | | | | 1.5 | 7.8 |
| WNW | 1.1 | .6 | .4 | .4 | | .1 | | | | | | 2.6 | 6.7 |
| NW | 1.4 | 2.5 | 2.4 | 1.1 | .5 | | | | | | | 7.8 | 7.7 |
| NNW | .9 | 1.3 | 1.5 | 1.5 | .1 | .1 | | | | | | 5.7 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.8 | |
| | 15.5 | 25.8 | 21.8 | 8.6 | 1.0 | .2 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949

DEPUTT AF 3 NF

67-78

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0800

CLASS

HOURS (LST.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 1.5 | 2.8 | 2.2 | | | | | | | | 7.0 | 8.9 |
| NNE | .0 | 1.2 | 1.5 | .9 | | | | | | | | 4.2 | 7.8 |
| NE | .9 | 1.0 | 1.0 | .5 | .1 | | | | | | | 3.2 | 6.5 |
| ENE | 1.0 | 1.4 | 1.4 | .5 | | | | | | | | 4.1 | 6.3 |
| E | 1.1 | 2.4 | 1.9 | .5 | .1 | | | | | | | 6.0 | 6.5 |
| ESE | 1.7 | 3.5 | 3.0 | 1.3 | | | | | | | | 9.6 | 6.7 |
| SE | .9 | 2.5 | 3.0 | 1.1 | | | | | | | | 7.4 | 7.1 |
| SSE | .9 | 2.3 | 3.8 | 1.0 | .1 | | | | | | | 8.6 | 7.9 |
| S | 1.1 | 1.5 | 3.4 | .0 | | | | | | | | 6.7 | 7.1 |
| SSW | .5 | .3 | .8 | .1 | | | | | | | | 1.7 | 6.3 |
| SW | .5 | .0 | .4 | .4 | | | | | | | | 2.0 | 6.7 |
| WSW | .5 | .5 | .4 | .1 | | | | | | | | 1.6 | 5.3 |
| W | .9 | .2 | .5 | .5 | | .1 | | | | | | 2.4 | 6.0 |
| WNW | .5 | .6 | 1.1 | .5 | .1 | .1 | | | | | | 3.1 | 8.2 |
| NW | .9 | 2.4 | 2.0 | 1.4 | .1 | | | | | | | 6.8 | 8.0 |
| NNW | .5 | 1.2 | 2.0 | 2.2 | .1 | | | | | | | 6.0 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.6 | |
| | 13.0 | 23.5 | 29.1 | 13.0 | .6 | .2 | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949 01 FULT AFB NE 67-78 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
HOURS (LST)

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 2.0 | 4.0 | 3.5 | .0 | | | | | | | 10.9 | 10.0 |
| NNE | .1 | 1.0 | 1.2 | 1.5 | | | | | | | | 3.4 | 9.2 |
| NE | .2 | 1.2 | 1.0 | .3 | | | | | | | | 2.7 | 6.8 |
| ENE | .5 | .9 | 1.3 | .2 | | | | | | | | 2.9 | 6.4 |
| E | .0 | 1.4 | 2.2 | 1.6 | .3 | | | | | | | 6.1 | 8.7 |
| ESE | .3 | .8 | 1.0 | 1.7 | | | | | | | | 4.6 | 8.9 |
| SE | .3 | 1.9 | 3.4 | 2.2 | | | | | | | | 8.2 | 8.8 |
| SSE | .0 | 3.5 | 3.4 | 3.1 | .2 | .1 | | | | | | 11.1 | 8.7 |
| S | .0 | 2.7 | 0.3 | 3.0 | .4 | | | | | | | 13.9 | 9.3 |
| SSW | .4 | 1.4 | 1.0 | .2 | | | | | | | | 4.3 | 7.7 |
| SW | .4 | .8 | 1.3 | .2 | | | | | | | | 3.3 | 7.9 |
| WSW | .0 | 1.6 | .6 | .2 | | | | | | | | 3.1 | 6.0 |
| W | .3 | 1.1 | 1.3 | .2 | .2 | | | | | | | 3.8 | 8.4 |
| WNW | .0 | 1.3 | 1.0 | 1.0 | .1 | | | | | | | 4.9 | 8.6 |
| NW | 1.1 | 1.1 | 1.3 | 1.7 | .5 | | | | | | | 5.7 | 9.1 |
| NNW | .0 | 1.0 | 1.7 | 2.0 | .6 | | | | | | | 6.6 | 10.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.4 | |
| | 8.3 | 23.5 | 33.4 | 27.0 | 3.2 | .1 | | | | | | 100.0 | 8.4 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

67-78

YEARS

MAY

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | 1.4 | 4.3 | 3.2 | .4 | .1 | | | | | | 10.4 | 9.3 |
| NNE | .2 | .9 | 1.3 | 1.4 | | | | | | | | 3.8 | 9.1 |
| NE | .1 | .8 | 1.3 | .0 | | | | | | | | 2.8 | 8.5 |
| ENE | .1 | 1.2 | 1.0 | .2 | | | | | | | | 2.5 | 7.1 |
| E | .4 | 1.3 | 1.7 | 1.0 | | | | | | | | 5.3 | 8.9 |
| ESE | .2 | .5 | 1.7 | 1.0 | | | | | | | | 4.3 | 10.0 |
| SE | .0 | 1.6 | 3.2 | 2.4 | .1 | | | | | | | 8.0 | 8.9 |
| SSE | .4 | 1.3 | 3.1 | 4.0 | .2 | | | | | | | 9.0 | 10.3 |
| S | .5 | 2.3 | 6.5 | 7.5 | 1.2 | | | | | | | 17.4 | 10.6 |
| SSW | .4 | 1.3 | 1.0 | 1.0 | .1 | | | | | | | 5.3 | 9.0 |
| SW | .2 | 1.0 | 1.8 | .8 | | | | | | | | 3.8 | 8.1 |
| WSW | .4 | .9 | 1.7 | .5 | .2 | | | | | | | 3.8 | 8.6 |
| W | .5 | 1.4 | 1.2 | 1.8 | .2 | | | | | | | 5.2 | 9.1 |
| WNW | .5 | .4 | 1.1 | 1.0 | | | | | | | | 3.7 | 9.3 |
| NW | .1 | .5 | 1.5 | 2.2 | .4 | | | | | | | 4.7 | 11.0 |
| NNW | .2 | .9 | 2.6 | 2.7 | 1.2 | | | | | | | 7.7 | 11.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.5 | |
| | 2.8 | 17.2 | 32.8 | 34.2 | 4.1 | .1 | | | | | | 100.0 | 9.5 |

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC

FORM
XX 64

0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14947 OFFUTT AFB NE 64-78 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1500-1700
CONDITION HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | 2.6 | 3.0 | 3.2 | .2 | | | | | | | 10.5 | 9.0 |
| NNE | .4 | 1.3 | 1.0 | .8 | | | | | | | | 4.1 | 7.5 |
| NE | .3 | 1.4 | 1.0 | .2 | | | | | | | | 3.5 | 6.5 |
| ENE | .2 | 1.4 | 1.4 | .3 | | | | | | | | 3.7 | 6.7 |
| E | .6 | 1.5 | 1.5 | .9 | | .1 | | | | | | 4.6 | 7.4 |
| ESE | .6 | .8 | 2.6 | 1.0 | .1 | | | | | | | 5.1 | 8.0 |
| SE | .4 | 1.1 | 3.2 | 2.0 | .1 | .2 | | | | | | 7.6 | 9.9 |
| SSE | .4 | 1.2 | 2.9 | 5.1 | .9 | | | | | | | 10.4 | 11.2 |
| S | 1.0 | 1.9 | 4.7 | 4.5 | .3 | | | | | | | 12.5 | 9.7 |
| SSW | .5 | 1.5 | 2.0 | 1.1 | .2 | .1 | | | | | | 5.5 | 8.7 |
| SW | .4 | 1.1 | 2.2 | 1.3 | | | | | | | | 4.9 | 8.5 |
| WSW | .4 | .5 | 1.5 | 1.0 | .1 | | | | | | | 3.5 | 8.8 |
| W | .3 | .6 | .6 | 1.0 | .3 | | | | | | | 3.3 | 8.7 |
| WNW | .2 | .6 | .8 | 1.0 | .3 | | | | | | | 2.9 | 10.4 |
| NW | .2 | .8 | 2.5 | 3.1 | .5 | .1 | | | | | | 7.2 | 11.4 |
| NNW | .5 | .8 | 2.4 | 2.9 | .6 | | | | | | | 7.2 | 10.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.3 | |
| | 8.7 | 19.0 | 35.3 | 29.9 | 3.8 | .5 | | | | | | 100.0 | 9.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DI FULT AF B N7

STATION NAME

67-78

YEARS

MAY
MONTH

ALL WEATHER

CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 3.8 | 2.3 | 2.0 | .6 | | | | | | | 10.2 | 7.9 |
| NNE | .9 | .6 | 1.4 | .4 | | | | | | | | 3.1 | 6.3 |
| NE | 1.0 | 1.2 | 1.5 | .5 | | | | | | | | 4.4 | 6.8 |
| ENE | .4 | 1.5 | 1.3 | .1 | | | | | | | | 3.3 | 6.2 |
| E | 1.5 | 2.9 | 2.0 | .6 | | | | | | | | 7.1 | 6.2 |
| ESE | .3 | 1.4 | 2.7 | 1.2 | | | | | | | | 6.0 | 7.6 |
| SE | 1.1 | 2.7 | 3.5 | 1.5 | | | | | | | | 8.8 | 7.4 |
| SSE | .9 | 2.2 | 4.0 | 3.0 | .1 | | | | | | | 10.1 | 8.5 |
| S | 1.2 | 2.8 | 4.7 | 1.9 | .1 | | | | | | | 10.8 | 8.0 |
| SSW | 1.1 | 2.0 | .9 | .3 | | | | | | | | 4.3 | 5.8 |
| SW | .3 | 1.0 | 1.0 | .2 | | | | | | | | 2.9 | 6.0 |
| WSW | .3 | .8 | .5 | .3 | | | | | | | | 1.9 | 6.7 |
| W | .6 | .6 | .6 | .1 | .2 | .2 | | | | | | 2.5 | 8.6 |
| WNW | .4 | .4 | .0 | .2 | .1 | | | | | | | 1.8 | 7.2 |
| NW | .9 | 1.5 | 1.2 | 1.8 | .1 | .2 | | | | | | 5.8 | 9.2 |
| NNW | .3 | 2.0 | 2.7 | 2.0 | .8 | | | | | | | 7.8 | 9.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.0 | |
| | 13.5 | 27.4 | 31.0 | 16.5 | 2.0 | .2 | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DE FULT AFB NC

STATION NAME

64-78

YEARS

MAY

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L & T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.1 | 1.7 | 2.0 | .5 | .1 | | | | | | 6.7 | 9.3 |
| NNE | .8 | 1.1 | .0 | .4 | | | | | | | | 2.9 | 6.2 |
| NE | 1.5 | 1.3 | .3 | .6 | | | | | | | | 4.3 | 5.9 |
| ENE | 1.0 | 1.3 | .9 | .3 | | | | | | | | 3.4 | 6.0 |
| E | 1.4 | 2.8 | 1.8 | .6 | | | | | | | | 6.7 | 6.0 |
| ESE | 2.2 | 4.4 | 2.4 | .5 | | | | | | | | 9.5 | 5.8 |
| SE | 1.5 | 3.0 | 2.7 | .4 | .1 | | | | | | | 7.7 | 6.2 |
| SSE | .8 | 1.5 | 4.4 | 1.2 | .2 | | | | | | | 8.1 | 8.3 |
| S | .9 | 2.6 | 2.5 | 1.3 | | | | | | | | 7.2 | 7.4 |
| SSW | .2 | 1.1 | .5 | .3 | | | | | | | | 2.2 | 6.7 |
| SW | .3 | .5 | .2 | | | | | | | | | 1.1 | 5.0 |
| WSW | .3 | .3 | | .1 | | | | | | | | .8 | 5.0 |
| W | 1.1 | 1.3 | .5 | .1 | | .2 | | | | | | 3.2 | 5.9 |
| WNW | .6 | .8 | .8 | .1 | | .1 | | | | | | 2.4 | 6.7 |
| NW | 1.3 | 2.7 | 1.4 | .0 | .1 | | .1 | | | | | 6.2 | 6.4 |
| NNW | .4 | .6 | 1.2 | .6 | .5 | .2 | | | | | | 3.8 | 10.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.0 | |
| | 15.4 | 26.3 | 22.5 | 9.6 | 1.5 | .6 | .1 | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949

DEPUTT AFBN

97-78

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 1.9 | 2.6 | 2.6 | .4 | .0 | | | | | | 8.6 | 9.1 |
| NNE | .5 | 1.0 | 1.2 | .7 | | .0 | | | | | | 3.3 | 7.5 |
| NE | .0 | 1.2 | 1.2 | .4 | .0 | | | | | | | 3.6 | 6.4 |
| ENE | .6 | 1.2 | 1.1 | .2 | | | | | | | | 3.1 | 6.3 |
| E | 1.3 | 2.6 | 2.0 | .9 | .1 | .0 | | | | | | 6.9 | 6.7 |
| ESE | 1.1 | 2.6 | 2.1 | 1.1 | .0 | | | | | | | 7.0 | 6.8 |
| SE | .7 | 2.5 | 2.9 | 1.4 | .0 | .0 | | | | | | 7.7 | 7.6 |
| SSE | .7 | 1.9 | 3.5 | 2.4 | .2 | .0 | | | | | | 8.9 | 8.9 |
| S | .9 | 2.1 | 4.2 | 2.6 | .3 | | | | | | | 10.1 | 8.8 |
| SSW | .5 | 1.0 | 1.0 | .6 | .1 | .0 | | | | | | 3.2 | 7.5 |
| SW | .5 | .5 | .9 | .4 | | | | | | | | 2.5 | 7.2 |
| WSW | .5 | .7 | .7 | .5 | .0 | | | | | | | 2.1 | 7.0 |
| W | .6 | .9 | .7 | .6 | .1 | .1 | | | | | | 3.0 | 7.9 |
| WNW | .6 | .7 | .8 | .7 | .1 | .1 | | | | | | 3.0 | 8.3 |
| NW | .6 | 1.8 | 1.9 | 1.6 | .3 | .1 | .0 | | | | | 6.5 | 8.6 |
| NNW | .5 | 1.0 | 2.0 | 2.0 | .6 | .0 | .0 | | | | | 6.2 | 10.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.3 | |
| | 11.7 | 23.8 | 29.1 | 18.6 | 2.2 | .4 | .0 | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS

7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFUTT AFB NE

STATION NAME

67-78

YEARS

JUN

MONTH

0000-0200

HOURLS (L & T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | .9 | .9 | .0 | .1 | | | | | | | 3.3 | 7.8 |
| NNE | 1.1 | .9 | .0 | .2 | | | | | | | | 2.8 | 5.1 |
| NE | .2 | 1.7 | .9 | .1 | | | | | | | | 3.0 | 5.1 |
| ENE | .3 | .7 | | .1 | | | | | | | | 1.6 | 3.9 |
| E | 2.1 | 1.8 | 1.9 | .7 | | | | | | | | 6.4 | 6.1 |
| ESE | 2.0 | 4.3 | 1.0 | .4 | .1 | | | | | | | 7.9 | 5.3 |
| SE | 1.0 | 1.7 | 2.9 | .2 | | | | | | | | 5.8 | 6.6 |
| SSE | 1.8 | 3.2 | 4.7 | 1.4 | | | | | | | | 11.1 | 7.0 |
| S | 1.9 | 3.0 | 4.4 | 2.0 | | | | | | | | 11.3 | 7.3 |
| SSW | 1.1 | .4 | .4 | | | | | | | | | 2.0 | 4.6 |
| SW | 1.0 | .6 | .2 | .1 | | | | | | | | 1.9 | 4.6 |
| WSW | .2 | .6 | .3 | .1 | | | | | | | | 1.2 | 6.3 |
| W | .6 | 1.0 | .1 | | .1 | | | | | | | 1.8 | 5.3 |
| WNW | .7 | 1.1 | .3 | .1 | .1 | | | | | | | 2.3 | 6.0 |
| NW | .8 | 1.7 | 1.2 | .7 | | | | | | | | 4.3 | 6.4 |
| NNW | .4 | 1.7 | .9 | 1.0 | .2 | | | | | | | 4.2 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.0 | |
| | 16.9 | 25.1 | 20.3 | 8.0 | .7 | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS

900

4
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949 DUFFT AFB TX 67-78 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER 0300-0500
CLASS HOURS (LST)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | .8 | 1.1 | .7 | | | | | | | | 3.4 | 6.9 |
| NNE | .9 | 1.4 | .6 | .2 | | | | | | | | 3.2 | 5.8 |
| NE | .9 | 1.0 | .6 | | | | | | | | | 2.4 | 4.6 |
| ENE | 1.0 | 1.0 | .3 | .1 | | | | | | | | 2.4 | 4.3 |
| E | 2.1 | 2.8 | .8 | .2 | .1 | | | | | | | 6.0 | 4.9 |
| ESE | 1.3 | 4.3 | 2.3 | .4 | | | | | | | | 8.4 | 5.8 |
| SE | 1.7 | 3.7 | 3.0 | .2 | .1 | | | | | | | 8.7 | 6.3 |
| SSE | 1.2 | 2.7 | 2.1 | 1.1 | .1 | | | | | | | 7.2 | 5.8 |
| S | 1.4 | 2.4 | 2.7 | 1.2 | | | | | | | | 7.8 | 7.0 |
| SSW | .3 | .4 | .4 | .3 | | | | | | | | 2.0 | 5.9 |
| SW | .7 | .2 | .4 | | | | | | | | | 1.3 | 5.0 |
| WSW | .4 | .7 | .3 | .7 | | | | .1 | | | | 1.8 | 7.9 |
| W | .6 | .7 | .3 | | | | | | | | | 1.6 | 4.8 |
| WNW | 1.0 | 1.1 | .3 | .1 | | | | | | | | 2.6 | 4.6 |
| NW | 1.0 | 2.3 | 1.2 | 1.7 | | | | | | | | 5.6 | 6.8 |
| NNW | .6 | 1.3 | 1.0 | .8 | .2 | | | | | | | 4.1 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.9 | |
| | 16.2 | 29.9 | 17.6 | 8.8 | .9 | | | .1 | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DEPUTT AFB AF

STATION NAME

69-78

YEARS

JUL

MONTH

ALL WINDS

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .7 | .9 | 2.2 | 1.3 | | | | | | | | 5.1 | 8.2 |
| NNE | .4 | 1.4 | 1.2 | .2 | | | | | | | | 3.3 | 6.4 |
| NE | 1.4 | 1.6 | .6 | | | | | | | | | 3.6 | 4.4 |
| ENE | .8 | 1.1 | .7 | | | | | | | | | 2.6 | 4.0 |
| E | 1.0 | 2.1 | 1.2 | .1 | .3 | | | | | | | 4.8 | 6.1 |
| ESE | 1.7 | 2.7 | 2.1 | .7 | | | | | | | | 7.1 | 6.2 |
| SE | .7 | 2.4 | 2.6 | .7 | | | | | | | | 6.3 | 6.9 |
| SSE | 1.3 | 3.1 | 4.0 | 3.1 | | .7 | | | | | | 12.2 | 8.7 |
| S | 2.7 | 2.9 | 4.4 | 1.6 | .1 | | | | | | | 11.7 | 6.9 |
| SSW | 1.0 | 1.1 | .9 | | | | | | | | | 3.0 | 4.9 |
| SW | .8 | 1.1 | .6 | .4 | | | | | | | | 2.7 | 5.7 |
| WSW | .6 | .9 | .4 | .1 | | | | | | | | 2.2 | 5.3 |
| W | .4 | 1.3 | .3 | | | | | | | | | 2.1 | 5.0 |
| WNW | .7 | 1.2 | .7 | .3 | | | | | | | | 3.0 | 5.2 |
| NW | 1.3 | 2.0 | 1.4 | .6 | .1 | | | | | | | 5.7 | 6.5 |
| NNW | .4 | .4 | 1.6 | 1.3 | .2 | | | | | | | 4.0 | 9.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.7 | |
| | 16.6 | 26.4 | 24.9 | 10.4 | .8 | .7 | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DI FUTT AFB NE
STATION NAME

67-78
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 1.6 | 2.9 | 1.6 | | | | | | | | 7.9 | 7.9 |
| NNE | .6 | 1.0 | .8 | .7 | | | | | | | | 3.0 | 7.1 |
| NE | .8 | 1.8 | 1.3 | .4 | | | | | | | | 4.3 | 6.2 |
| ENE | .6 | .7 | .7 | .1 | | | | | | | | 2.0 | 5.6 |
| E | .4 | 2.0 | 1.0 | .4 | | | | | | | | 3.9 | 6.3 |
| ESE | 1.0 | 1.7 | 1.6 | 1.0 | .1 | | | | | | | 5.3 | 7.4 |
| SE | .8 | 2.2 | 2.0 | 1.4 | .1 | .1 | | | | | | 7.2 | 8.0 |
| SSE | 1.7 | 2.2 | 3.0 | 2.6 | .4 | .1 | | | | | | 10.0 | 8.6 |
| S | 1.3 | 3.9 | 7.2 | 5.4 | .9 | .1 | | | | | | 18.9 | 9.4 |
| SSW | .1 | 1.2 | 2.9 | 1.3 | | | | | | | | 5.6 | 8.6 |
| SW | .8 | 1.3 | 1.0 | .6 | .1 | | | | | | | 4.3 | 7.1 |
| WSW | .8 | 2.2 | 1.8 | .3 | | | | | | | | 5.1 | 6.3 |
| W | .5 | 1.2 | 1.1 | .3 | .2 | | | | | | | 3.7 | 7.2 |
| WNW | .9 | .7 | 1.8 | .6 | | .1 | | | | | | 4.0 | 7.8 |
| NW | .6 | .9 | 1.9 | 1.6 | .7 | | | | | | | 5.6 | 9.9 |
| NNW | .3 | 1.2 | 1.4 | 1.4 | 1.0 | | | | | | | 5.4 | 10.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.8 | |
| | 13.0 | 25.8 | 33.4 | 20.6 | 3.0 | .4 | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DEPUTY AFB AF

STATION NAME

69-78

YEARS

JUN

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 1.0 | 2.1 | 2.2 | .1 | | | | | | | 7.6 | 8.4 |
| NNE | .7 | 1.7 | 1.8 | .0 | | | | | | | | 4.9 | 7.4 |
| NE | .4 | 1.0 | 1.1 | .3 | .1 | | | | | | | 3.0 | 7.3 |
| ENE | .0 | 1.1 | .0 | | | | | | | | | 2.4 | 4.7 |
| E | .2 | 1.3 | 1.4 | .0 | | | | | | | | 3.8 | 8.3 |
| ESE | .7 | .7 | 1.3 | 1.4 | .1 | | | | | | | 4.2 | 8.8 |
| SE | .2 | 1.7 | 2.0 | 1.0 | | | | | | | | 6.2 | 8.8 |
| SSE | .9 | 1.0 | 3.3 | 4.1 | .7 | .1 | | | | | | 11.3 | 10.1 |
| S | .8 | 2.2 | 3.3 | 7.1 | 1.0 | .3 | | | | | | 17.3 | 10.9 |
| SSW | .3 | 1.2 | 2.0 | 2.4 | .1 | | | | | | | 6.1 | 9.8 |
| SW | .0 | 1.4 | 2.1 | .0 | | | | | | | | 4.7 | 7.1 |
| WSW | .4 | 1.8 | .8 | .3 | .1 | | | | | | | 3.4 | 7.0 |
| W | .0 | 1.4 | 1.0 | .7 | | | | | | | | 4.4 | 7.1 |
| WNW | .4 | 1.0 | 1.4 | .9 | .4 | | | | | | | 4.2 | 9.1 |
| NW | 1.0 | .9 | 2.1 | 2.0 | .2 | | | | | | | 6.2 | 9.2 |
| NNW | .1 | 1.7 | 2.3 | 2.1 | .3 | | | | | | | 6.6 | 9.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.6 | |
| | 9.3 | 22.2 | 32.4 | 26.2 | 3.8 | .4 | | | | | | 100.0 | 8.7 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DI PUTT AFB NF

STATION NAME

62-78

YEARS

JUN

MONTH

ALL WEATHER

CLASS

1200-1700

HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 1.9 | 4.1 | 1.7 | .3 | | | | | | | 9.9 | 7.5 |
| NNE | .8 | 1.0 | 1.1 | .9 | | | | | | | | 3.8 | 7.4 |
| NE | .8 | .8 | .8 | .4 | | | | | | | | 2.3 | 6.0 |
| ENE | .4 | .8 | .7 | .3 | | | | | | | | 2.2 | 6.7 |
| E | .9 | .7 | 1.9 | .9 | | | | | | | | 4.3 | 7.6 |
| ESE | .4 | 1.1 | 1.8 | 1.1 | | | | | | | | 4.4 | 8.3 |
| SE | .8 | .9 | 1.8 | 3.0 | .3 | | | | | | | 6.3 | 10.4 |
| SSE | .4 | 1.8 | 2.8 | 3.9 | .7 | | | | | | | 11.3 | 11.0 |
| S | .8 | 1.1 | 6.2 | 8.1 | 1.2 | .3 | | | | | | 17.8 | 11.2 |
| SSW | .8 | 1.4 | 2.1 | 2.9 | .1 | | | | | | | 7.1 | 9.4 |
| SW | .7 | 1.4 | .9 | .7 | .2 | | | | | | | 3.9 | 7.5 |
| WSW | .7 | .8 | .8 | .4 | | | | | | | | 2.6 | 7.0 |
| W | .8 | 1.2 | 1.3 | 1.1 | .2 | | | | | | | 4.4 | 8.3 |
| WNW | | 1.2 | .8 | .8 | | | | | | | | 2.8 | 8.4 |
| NW | .3 | .3 | 1.8 | 1.8 | .4 | | | | | | | 4.7 | 11.0 |
| NNW | .8 | 1.2 | 2.8 | 3.1 | .1 | | | | | | | 7.6 | 9.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.6 | |
| | 10.3 | 17.2 | 31.1 | 32.8 | 3.7 | .3 | | | | | | 100.0 | 8.9 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949 STATION 01FUT1 AFB HI STATION NAME 69-78 YEARS JUN NORTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 3.9 | 3.3 | 1.0 | | .1 | | | | | | 10.7 | 6.5 |
| NNE | 1.4 | 2.1 | .9 | .4 | .1 | | | | | | | 5.6 | 5.8 |
| NE | .8 | 1.1 | .7 | .2 | | | | | | | | 2.8 | 5.5 |
| ENE | .7 | .9 | .2 | .6 | | | | | | | | 2.3 | 6.5 |
| E | 1.6 | 1.9 | 2.1 | .3 | | | | | | | | 5.6 | 5.7 |
| ESE | .7 | 2.3 | 2.2 | 1.9 | .1 | | | | | | | 7.2 | 8.0 |
| SE | .7 | 2.8 | 2.2 | 1.1 | .1 | | | | | | | 6.9 | 7.3 |
| SSE | 1.0 | 2.4 | 3.9 | 6.2 | | | | | | | | 13.6 | 9.4 |
| S | .7 | 2.7 | 4.8 | 4.3 | .0 | | | | | | | 13.0 | 9.7 |
| SSW | .7 | 2.1 | 2.0 | .6 | | | | | | | | 5.3 | 6.8 |
| SW | .2 | 1.3 | .8 | .1 | | | | | | | | 2.4 | 6.0 |
| WSW | .9 | .9 | .3 | | .1 | | | | | | | 2.2 | 5.1 |
| W | .1 | 1.1 | 1.1 | .2 | .1 | | | | | | | 2.7 | 7.6 |
| WNW | .3 | .6 | .6 | .7 | .1 | | | | | | | 2.2 | 8.5 |
| NW | .3 | 1.7 | 1.2 | .8 | .3 | | | | | | | 4.3 | 8.6 |
| NNW | .4 | 1.6 | 2.0 | 1.7 | | | | | | | | 5.7 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.9 | |
| | 12.3 | 29.3 | 28.3 | 20.1 | 1.6 | .1 | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DEPUTT AFB NF
STATION NAME

67-78
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 1.8 | 1.6 | .4 | .1 | | | | | | | 5.9 | 5.4 |
| NNE | 1.4 | .8 | .1 | .2 | | | | | | | | 2.6 | 4.3 |
| NE | 1.3 | 1.2 | .2 | .3 | | | | | | | | 3.1 | 5.0 |
| ENE | .4 | 1.2 | .1 | .3 | | | | | | | | 2.1 | 5.9 |
| E | 1.7 | 2.7 | 1.1 | .1 | | | | | | | | 5.6 | 5.1 |
| ESE | 1.0 | 4.2 | 1.3 | 1.3 | | | | | | | | 8.4 | 6.1 |
| SE | 1.2 | 2.9 | 3.0 | .4 | | | | | | | | 8.0 | 6.7 |
| SSE | 1.7 | 3.8 | 5.1 | 2.2 | | | | | | | | 12.8 | 7.5 |
| S | 1.8 | 2.8 | 3.7 | 1.6 | .3 | | | | | | | 10.3 | 7.6 |
| SSW | .6 | .3 | .7 | .2 | | | | | | | | 1.8 | 6.0 |
| SW | .0 | .3 | .2 | | | | | | | | | 1.1 | 4.3 |
| WSW | .0 | .9 | .6 | | | .1 | | | | | | 2.1 | 6.2 |
| W | .6 | .7 | .1 | | .1 | | | | | | | 1.4 | 4.9 |
| WNW | .3 | .7 | .8 | .1 | | | | | | | | 1.9 | 6.6 |
| NW | .7 | 2.3 | .4 | .3 | .1 | | | | | | | 3.9 | 6.0 |
| NNW | .9 | 2.0 | .4 | .7 | .3 | | | | | | | 4.3 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.7 | |
| | 17.4 | 28.6 | 19.4 | 8.6 | 1.0 | .1 | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DEPUTT AFB NE

STATION NAME

69-78

YEARS

JUN

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 1.7 | 2.3 | 1.6 | .1 | .0 | | | | | | 6.7 | 7.3 |
| NNE | .9 | 1.3 | .9 | .5 | .0 | | | | | | | 3.6 | 6.3 |
| NE | .9 | 1.2 | .7 | .2 | .0 | | | | | | | 3.1 | 5.5 |
| ENE | .7 | .9 | .4 | .2 | | | | | | | | 2.2 | 5.3 |
| E | 1.2 | 1.9 | 1.4 | .4 | .1 | | | | | | | 5.1 | 6.1 |
| ESE | 1.2 | 2.7 | 1.7 | 1.0 | .1 | | | | | | | 6.6 | 6.7 |
| SE | .8 | 2.3 | 2.5 | 1.6 | .1 | .0 | | | | | | 6.9 | 7.6 |
| SSE | 1.3 | 2.6 | 3.6 | 3.4 | .2 | .1 | | | | | | 11.2 | 8.7 |
| S | 1.4 | 2.6 | 4.8 | 3.9 | .6 | .1 | | | | | | 13.5 | 9.1 |
| SSW | .6 | 1.0 | 1.4 | 1.0 | .0 | | | | | | | 4.1 | 7.8 |
| SW | .7 | 1.0 | .8 | .3 | .0 | | | | | | | 2.8 | 6.4 |
| WSW | .6 | 1.1 | .7 | .6 | .0 | .0 | | .0 | | | | 2.6 | 6.4 |
| W | .5 | 1.1 | .7 | .3 | .1 | | | | | | | 2.8 | 6.8 |
| WNW | .5 | 1.0 | .8 | .4 | .1 | .0 | | | | | | 2.9 | 7.3 |
| NW | .7 | 1.5 | 1.4 | 1.1 | .2 | | | | | | | 5.0 | 8.1 |
| NNW | .5 | 1.4 | 1.5 | 1.5 | .3 | | | | | | | 5.2 | 8.9 |
| VARBL | | | | | | | | | | | | 15.7 | |
| CALM | | | | | | | | | | | | | |
| | 14.1 | 22.2 | 25.9 | 16.4 | 1.9 | .2 | | .0 | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | 2.2 | 1.3 | .8 | .1 | | | | | | | 5.0 | 7.1 |
| NNE | 1.4 | 1.0 | .9 | .1 | | | | | | | | 3.3 | 4.6 |
| NE | 1.5 | 1.4 | .5 | .2 | | | | | | | | 3.7 | 4.7 |
| ENE | .0 | .8 | .9 | .1 | | | | | | | | 2.4 | 5.8 |
| E | 2.2 | 4.7 | 1.4 | .1 | | | | | | | | 8.4 | 4.9 |
| ESE | 2.3 | 3.7 | 1.3 | .2 | | | | | | | | 7.4 | 4.9 |
| SE | 1.3 | 2.0 | 1.9 | .4 | | | | | | | | 5.7 | 6.0 |
| SSE | 1.9 | 3.8 | 2.7 | .6 | | | | | | | | 9.0 | 6.1 |
| S | 1.2 | 3.2 | 5.0 | 1.6 | | | | | | | | 11.0 | 7.8 |
| SSW | .8 | .6 | 1.1 | .1 | | | | | | | | 2.6 | 6.3 |
| SW | .2 | .6 | .2 | | | | | | | | | 1.1 | 4.9 |
| WSW | .3 | .5 | .1 | | | | | | | | | 1.0 | 4.1 |
| W | .4 | .3 | | | | | | | | | | .8 | 3.0 |
| WNW | .4 | .6 | .2 | | | | | | | | | 1.3 | 4.6 |
| NW | 1.0 | 2.2 | .0 | | | | | | | | | 3.8 | 4.7 |
| NNW | .8 | .9 | .9 | .2 | | | | | | | | 2.7 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.0 | |
| | 16.9 | 28.5 | 18.9 | 4.5 | .1 | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 1.9 | .9 | .3 | .1 | | | | | | | 4.8 | 5.3 |
| NNE | .8 | 1.2 | .6 | .2 | | | | | | | | 2.8 | 5.4 |
| NE | .9 | 1.1 | .6 | .1 | | | | | | | | 2.7 | 5.0 |
| ENE | .5 | 1.3 | .2 | .2 | | | | | | | | 2.3 | 4.9 |
| E | 3.3 | 3.5 | 1.0 | .3 | | | | | | | | 8.2 | 4.5 |
| ESE | 2.6 | 4.0 | .9 | .4 | .1 | | | | | | | 8.0 | 4.9 |
| SE | 2.3 | 3.9 | 1.9 | .1 | | | | | | | | 8.2 | 5.3 |
| SSE | 1.2 | 2.8 | 2.2 | .8 | | | | | | | | 6.9 | 6.4 |
| S | .5 | 2.8 | 3.7 | 1.1 | | | | | | | | 8.1 | 7.5 |
| SSW | .3 | .9 | .3 | | | | | | | | | 1.7 | 5.6 |
| SW | .6 | .5 | .3 | | | | | | | | | 1.7 | 4.9 |
| WSW | .5 | .6 | .2 | | | | | | | | | 1.4 | 4.3 |
| W | .6 | .5 | .2 | | | | | | | | | 1.4 | 4.4 |
| WNW | .8 | .4 | | | | | | | | | | 1.2 | 3.2 |
| NW | 1.3 | 2.7 | .4 | .2 | | | | | | | | 4.6 | 4.8 |
| NNW | 1.2 | 1.0 | 1.1 | .2 | | | | | | | | 3.4 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 32.7 | |
| | 19.0 | 29.1 | 14.9 | 4.0 | .2 | | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14949
STATION

DI FUTT AFB NE
STATION NAME

69-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 2.0 | 2.5 | .0 | .1 | | | | | | | 6.6 | 6.8 |
| NNE | 1.0 | 2.0 | 2.0 | | | | | | | | | 5.1 | 5.7 |
| NE | 1.2 | 1.3 | 1.4 | .4 | | | | | | | | 4.3 | 6.4 |
| ENE | .4 | 1.6 | .1 | .1 | | | | | | | | 2.3 | 4.8 |
| E | 2.3 | 2.7 | 1.3 | .1 | | | | | | | | 6.3 | 4.8 |
| ESE | 1.9 | 3.2 | 2.4 | .9 | | | | | | | | 8.4 | 6.1 |
| SE | 1.7 | 3.1 | 2.9 | .6 | | | | | | | | 8.4 | 6.3 |
| SSE | 2.3 | 3.1 | 3.7 | .4 | .1 | | | | | | | 9.6 | 6.1 |
| S | 2.7 | 4.8 | 3.5 | .9 | | | | | | | | 11.9 | 6.0 |
| SSW | 1.3 | 1.5 | 1.0 | .2 | | | | | | | | 4.0 | 5.3 |
| SW | .5 | .9 | .9 | .5 | | | | | | | | 2.6 | 7.4 |
| WSW | .5 | .5 | .2 | | | | | | | | | 1.3 | 4.2 |
| W | .3 | .4 | | | | | | | | | | .8 | 3.3 |
| WNW | .5 | .8 | .3 | .1 | | | | | | | | 1.7 | 5.1 |
| NW | .9 | 2.5 | 1.2 | .2 | | | | | | | | 4.7 | 5.6 |
| NNW | .3 | 1.1 | .9 | .1 | | | | | | | | 2.4 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.8 | |
| | 18.8 | 31.6 | 24.2 | 5.4 | .2 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949 DEPUTT AFB NF 69-78 JUL

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

0900-1100

HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .2 | 2.0 | 4.6 | 1.5 | | | | | | | | 8.4 | 8.5 |
| NNE | .2 | 1.7 | 1.9 | .5 | | | | | | | | 4.4 | 7.2 |
| NE | .4 | 1.4 | 2.2 | .5 | | | | | | | | 4.5 | 7.7 |
| ENE | .9 | 2.0 | 1.1 | .2 | | | | | | | | 4.2 | 5.7 |
| E | 1.1 | 2.7 | 1.7 | .3 | | | | | | | | 5.8 | 5.7 |
| ESE | .5 | 1.4 | 2.0 | .8 | .1 | | | | | | | 5.1 | 7.4 |
| SE | .6 | 2.3 | 3.0 | 1.5 | .1 | | | | | | | 7.3 | 7.6 |
| SSE | 1.4 | 2.8 | 4.7 | 2.3 | | | | | | | | 11.2 | 8.0 |
| S | 2.0 | 4.5 | 8.4 | 3.3 | .1 | | | | | | | 18.4 | 7.8 |
| SSW | 1.1 | 2.0 | 2.2 | 1.4 | .1 | | | | | | | 6.8 | 7.6 |
| SW | .2 | 1.6 | 2.2 | 1.0 | .2 | | | | | | | 5.5 | 8.1 |
| WSW | .4 | 1.5 | 1.6 | .4 | .1 | | | | | | | 4.1 | 7.2 |
| W | .8 | .8 | .9 | .2 | | | | | | | | 2.6 | 5.7 |
| WNW | .2 | .3 | 1.2 | .1 | | | | | | | | 1.8 | 7.5 |
| NW | .1 | 1.1 | .6 | 1.0 | .3 | | | | | | | 3.1 | 9.2 |
| NNW | .1 | .4 | 1.1 | .2 | | | | | | | | 1.8 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.0 | |
| | 10.9 | 28.6 | 39.4 | 15.1 | 1.1 | | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DI FULT AFB NC
STATION NAME

69-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 2.3 | 5.9 | .9 | | | | | | | | 9.8 | 7.9 |
| NNE | .4 | 1.2 | 2.3 | .8 | | | | | | | | 4.6 | 7.8 |
| NE | .8 | 1.3 | 2.0 | .5 | | | | | | | | 4.6 | 6.7 |
| ENE | .8 | 1.5 | 1.2 | .5 | | | | | | | | 3.8 | 6.2 |
| E | .3 | 2.6 | 2.3 | .4 | | | | | | | | 5.6 | 7.1 |
| ESE | .3 | 1.0 | 1.2 | .8 | | | | | | | | 3.2 | 7.8 |
| SE | .4 | 1.4 | 3.8 | 2.6 | .2 | | | | | | | 8.1 | 9.3 |
| SSE | 1.2 | 2.8 | 5.1 | 4.3 | .3 | | | | | | | 13.7 | 9.0 |
| S | 1.0 | 2.9 | 6.6 | 4.5 | .8 | | | | | | | 15.7 | 9.4 |
| SSW | .8 | 1.9 | 3.4 | 2.2 | .3 | | | | | | | 8.1 | 8.9 |
| SW | .2 | 1.2 | 1.9 | 1.4 | .3 | | | | | | | 5.1 | 5.3 |
| WSW | .5 | 1.5 | 1.4 | .5 | | | | | | | | 4.0 | 6.9 |
| W | .4 | 1.0 | .4 | | | | | | | | | 1.8 | 5.2 |
| WNW | .2 | .8 | 1.0 | | | | | | | | | 1.9 | 6.7 |
| NW | .1 | .4 | .8 | 1.1 | .3 | | | | | | | 2.7 | 11.1 |
| NNW | .3 | .8 | 1.8 | 1.2 | | | | | | | | 4.1 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.5 | |
| | 8.5 | 24.4 | 41.0 | 21.4 | 2.3 | | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

JUL

MONTH

ALL WEATHER

CLASS

1500-1700

HOURLS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 2.8 | 4.9 | 1.9 | | | | | | | | 10.1 | 8.1 |
| NNE | .0 | 2.3 | 3.1 | .4 | | | | | | | | 6.5 | 7.1 |
| NE | .4 | 1.9 | 2.0 | .3 | | | | | | | | 4.7 | 6.9 |
| ENE | .8 | 1.4 | 1.1 | | | | | | | | | 3.2 | 5.6 |
| E | 1.2 | 2.2 | 2.2 | .2 | | | | | | | | 5.7 | 6.0 |
| ESE | .0 | 1.9 | 1.4 | .9 | | | | | | | | 4.8 | 7.0 |
| SE | .6 | .9 | 4.2 | 2.4 | .1 | | | | | | | 8.2 | 9.2 |
| SSE | .4 | 1.5 | 4.9 | 5.9 | .6 | | | | | | | 13.4 | 10.6 |
| S | .5 | 2.8 | 5.8 | 4.3 | 1.3 | | | | | | | 14.7 | 10.0 |
| SSW | .4 | 2.0 | 3.2 | 1.0 | | | | | | | | 7.5 | 8.3 |
| SW | .4 | 1.5 | 2.6 | 1.1 | .3 | | | | | | | 5.9 | 8.5 |
| WSW | .2 | .6 | .9 | .2 | | | | | | | | 1.9 | 6.8 |
| W | .3 | 1.0 | .4 | .1 | | | | | | | | 1.8 | 5.9 |
| WNW | .2 | .2 | .5 | .1 | | | | | | | | 1.1 | 6.5 |
| NW | .2 | .3 | 1.0 | 1.4 | | | | | | | | 2.9 | 9.7 |
| NNW | .1 | 1.0 | 1.5 | 1.0 | | | | | | | | 3.5 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 7.6 | 24.3 | 39.8 | 22.0 | 2.4 | | | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

JUL

MONTH

ALL WEATHER

CLASS

1800-2000

HOURLS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 3.1 | 3.4 | 1.3 | .2 | | | | | | | 9.1 | 7.5 |
| NNE | 1.5 | 2.6 | 1.5 | .9 | | | | | | | | 6.5 | 6.0 |
| NE | 1.6 | 2.2 | 1.3 | .4 | | | | | | | | 5.5 | 5.4 |
| ENE | 1.4 | 1.8 | 1.1 | .2 | .1 | | | | | | | 4.6 | 5.6 |
| E | 2.8 | 4.1 | 1.6 | .1 | | | | | | | | 8.6 | 4.6 |
| ESE | 1.3 | 4.0 | 1.3 | .6 | | | | | | | | 7.2 | 5.8 |
| SE | 1.3 | 3.9 | 4.3 | 1.8 | .2 | | | | | | | 11.5 | 7.4 |
| SSE | 1.8 | 3.1 | 7.4 | 3.3 | .3 | | | | | | | 16.0 | 8.5 |
| S | 1.2 | 2.9 | 3.3 | 2.6 | .1 | | | | | | | 10.1 | 8.2 |
| SSW | .5 | 1.6 | 1.1 | .1 | | | | | | | | 3.3 | 5.0 |
| SW | .8 | .5 | .3 | .3 | | | | | | | | 1.9 | 6.2 |
| WSW | .9 | .4 | .1 | | | | | | | | | 1.4 | 3.5 |
| W | .3 | .4 | .1 | | | | | | | | | .9 | 4.4 |
| WNW | .3 | .6 | .2 | | | | | | | | | 1.2 | 4.8 |
| NW | .1 | .8 | .6 | .2 | .1 | | | | | | | 1.8 | 8.1 |
| NNW | | .6 | .6 | .3 | | | | | | | | 1.6 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.7 | |
| | 16.9 | 32.7 | 28.4 | 12.3 | 1.1 | | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

JUL

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 54 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 2.5 | 2.4 | .1 | .1 | | | | | | | 6.1 | 6.4 |
| NNE | 1.7 | .8 | 1.1 | .2 | | | | | | | | 3.8 | 4.9 |
| NE | 1.4 | 2.4 | .8 | .1 | | | | | | | | 4.6 | 4.8 |
| ENE | 1.1 | 1.7 | 1.0 | .2 | | | | | | | | 4.0 | 5.5 |
| E | 3.1 | 3.9 | .5 | | | | | | | | | 7.5 | 4.0 |
| ESE | 2.2 | 4.0 | 1.4 | .3 | | | | | | | | 7.8 | 5.0 |
| SE | 1.9 | 4.6 | 1.9 | .4 | | | | | | | | 8.9 | 5.4 |
| SSE | 1.7 | 2.4 | 5.1 | 2.2 | .2 | | | | | | | 11.8 | 7.9 |
| S | 1.7 | 1.8 | 3.7 | 1.5 | | | | | | | | 8.7 | 7.5 |
| SSW | .4 | .1 | .4 | .1 | | | | | | | | 1.1 | 5.8 |
| SW | .3 | | .1 | .1 | | | | | | | | .5 | 6.0 |
| WSW | .3 | .4 | | | | | | | | | | .8 | 4.1 |
| W | .4 | .1 | .1 | .3 | | | | | | | | 1.0 | 7.6 |
| WNW | .2 | .2 | | .1 | | | | | | | | .5 | 5.6 |
| NW | .2 | .5 | .4 | | .1 | | | | | | | 1.3 | 6.9 |
| NNW | .2 | .6 | 1.3 | .4 | | | | | | | | 2.6 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.9 | |
| | 18.1 | 26.0 | 20.1 | 6.2 | .4 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

62-78

YEARS

JUL

MONTH

ALL WEATHER

CLASS

ALL

HOURLS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 2.4 | 3.2 | .9 | .1 | | | | | | | 7.5 | 7.4 |
| NNE | 1.0 | 1.6 | 1.7 | .4 | | | | | | | | 4.6 | 6.2 |
| NE | 1.0 | 1.6 | 1.4 | .3 | | | | | | | | 4.3 | 6.0 |
| ENE | .6 | 1.5 | .8 | .2 | .0 | | | | | | | 3.3 | 5.6 |
| E | 2.0 | 3.3 | 1.5 | .2 | | | | | | | | 7.0 | 5.1 |
| ESE | 1.2 | 2.9 | 1.5 | .6 | .0 | | | | | | | 6.5 | 5.9 |
| SE | 1.3 | 2.8 | 3.0 | 1.2 | .1 | | | | | | | 8.3 | 7.1 |
| SSE | 1.5 | 2.8 | 4.5 | 2.5 | .2 | | | | | | | 11.5 | 8.1 |
| S | 1.4 | 3.2 | 5.0 | 2.5 | .3 | | | | | | | 12.3 | 8.1 |
| SSW | .7 | 1.3 | 1.6 | .7 | .1 | | | | | | | 4.5 | 7.4 |
| SW | .4 | .9 | 1.1 | .6 | .1 | | | | | | | 3.0 | 7.8 |
| WSW | .5 | .8 | .6 | .1 | .0 | | | | | | | 2.0 | 5.9 |
| W | .5 | .6 | .3 | .1 | | | | | | | | 1.4 | 5.2 |
| WNW | .4 | .5 | .4 | .1 | | | | | | | | 1.3 | 5.7 |
| NW | .5 | 1.3 | .7 | .5 | .1 | | | | | | | 3.1 | 7.1 |
| NNW | .4 | .8 | 1.1 | .5 | | | | | | | | 2.8 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.6 | |
| | 14.6 | 28.2 | 28.3 | 11.4 | 1.0 | | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS

7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14940 OFFUTT AFB NE 67-78 AUG
STATION MONTH
ALL WEATHER 0000-0200
CLASS HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | .9 | .6 | .1 | | | | | | | | 2.4 | 5.2 |
| NNE | .3 | .6 | .3 | .4 | | | | | | | | 1.7 | 7.1 |
| NE | .6 | 2.2 | .9 | .1 | | | | | | | | 3.8 | 5.7 |
| ENE | 1.1 | 1.8 | .4 | .4 | | | | | | | | 3.8 | 5.3 |
| E | 3.1 | 6.2 | .8 | .2 | | | | | | | | 10.3 | 4.3 |
| ESE | 2.8 | 6.3 | 1.8 | .1 | | | | | | | | 10.9 | 4.9 |
| SE | 1.5 | 3.1 | 3.5 | .4 | | | | | | | | 8.6 | 6.3 |
| SSE | 1.9 | 3.0 | 1.9 | .5 | | | | | | | | 7.4 | 5.7 |
| S | 1.4 | 2.5 | 4.0 | 1.5 | | | | | | | | 9.4 | 7.5 |
| SSW | .2 | .6 | .4 | | | | | | | | | 1.3 | 5.8 |
| SW | .1 | .1 | .1 | | | | | | | | | .3 | 4.7 |
| WSW | .2 | .5 | .1 | | | | | | | | | .9 | 4.8 |
| W | .1 | .4 | .3 | | | .1 | | | | | | 1.0 | 7.7 |
| WNW | .5 | .1 | .1 | .1 | | | | | | | | .9 | 5.3 |
| NW | .5 | 1.7 | 1.0 | | | | | | | | | 3.2 | 5.6 |
| NNW | .6 | .3 | .4 | .2 | | | | | | | | 1.7 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 32.6 | |
| | 15.7 | 30.5 | 16.8 | 4.3 | | .1 | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

57-78

YEARS

AUG

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.5 | .6 | .2 | | | | | | | | 3.5 | 5.4 |
| NNE | 1.0 | .8 | .5 | .3 | | | | | | | | 2.6 | 5.9 |
| NE | 1.3 | 1.4 | .8 | .3 | | | | | | | | 3.8 | 5.3 |
| ENE | 1.7 | 1.7 | .8 | .2 | | | | | | | | 4.4 | 5.1 |
| E | 4.6 | 5.4 | 1.4 | .1 | | | | | | | | 11.5 | 4.3 |
| ESE | 2.6 | 6.3 | 1.8 | .4 | | | | | | | | 11.2 | 5.1 |
| SE | 2.7 | 3.3 | 2.4 | .5 | | | | | | | | 8.9 | 5.4 |
| SSE | 1.3 | 2.3 | 1.6 | .6 | | | | | | | | 5.8 | 6.0 |
| S | 1.6 | 2.9 | 2.7 | .4 | | | | | | | | 7.6 | 6.0 |
| SSW | .5 | .8 | | | | | | | | | | 1.3 | 3.8 |
| SW | .1 | .4 | | | | | | | | | | .5 | 4.6 |
| WSW | .3 | .2 | .1 | | | | | | | | | .6 | 3.7 |
| W | .4 | .4 | .2 | | | | | | | | | 1.1 | 4.7 |
| WNW | .8 | .9 | .5 | .2 | | | | | | | | 2.4 | 5.3 |
| NW | .3 | 1.4 | .8 | | | | | | | | | 2.5 | 5.0 |
| NNW | .6 | .6 | .4 | .1 | | | | | | | | 1.8 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.4 | |
| | 21.1 | 30.3 | 14.6 | 3.5 | | | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

WHEAT AFB TX

STATION NAME

69-78

YEARS

AUG

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | 1.2 | 1.5 | .3 | | | | | | | | 3.7 | 6.6 |
| NNE | .8 | .9 | .8 | | | | | | | | | 2.4 | 5.1 |
| NE | 1.7 | 1.4 | .6 | .6 | | | | | | | | 4.0 | 4.9 |
| ENE | 1.1 | 1.7 | .6 | | | | | | | | | 3.5 | 4.9 |
| E | 2.0 | 4.1 | 1.3 | | | | | | | | | 8.0 | 4.4 |
| ESE | 2.4 | 4.6 | 2.3 | .6 | | | | | | | | 9.9 | 5.6 |
| SE | 2.4 | 4.2 | 4.7 | 1.3 | | | | | | | | 12.6 | 6.4 |
| SSE | 2.8 | 3.7 | 2.0 | 1.0 | | | | | | | | 10.0 | 5.9 |
| S | 1.5 | 4.2 | 3.2 | .3 | | | | | | | | 9.2 | 5.9 |
| SSW | .9 | .4 | .1 | .1 | | | | | | | | 1.5 | 4.1 |
| SW | .2 | .4 | .2 | | | | | | | | | .9 | 5.4 |
| WSW | .5 | .5 | .1 | | | | | | | | | 1.2 | 3.8 |
| W | .5 | .8 | | | | | | | | | | 1.3 | 3.7 |
| WNW | .8 | 1.4 | .3 | .6 | | | | | | | | 2.7 | 5.2 |
| NW | .9 | 2.0 | 1.2 | .3 | | | | | | | | 4.4 | 5.9 |
| NNW | .6 | .2 | .5 | .1 | | | | | | | | 1.5 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.3 | |
| | 20.2 | 31.7 | 20.2 | 4.5 | | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DI FULT AFB NE
STATION NAME

69-78
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .2 | 1.5 | 3.0 | .8 | .1 | | | | | | | 5.6 | 8.3 |
| NNE | .4 | .9 | 1.8 | .5 | .1 | | | | | | | 3.8 | 8.0 |
| NE | 1.0 | 1.8 | 1.0 | | .1 | | | | | | | 3.9 | 5.6 |
| ENE | 1.1 | 1.4 | 1.3 | .2 | | | | | | | | 4.0 | 5.9 |
| E | 1.3 | 3.0 | 1.4 | .3 | | | | | | | | 6.0 | 5.3 |
| ESE | .8 | 2.5 | 1.6 | .4 | | | | | | | | 5.3 | 6.3 |
| SE | .9 | 2.5 | 3.2 | 1.7 | .2 | | | | | | | 8.5 | 7.8 |
| SSE | 1.5 | 3.5 | 4.1 | 2.6 | .5 | | | | | | | 12.3 | 8.2 |
| S | 1.6 | 6.7 | 10.0 | 3.2 | | | | | | | | 21.5 | 7.7 |
| SSW | 1.3 | 2.2 | 2.2 | .5 | | | | | | | | 6.1 | 6.5 |
| SW | .3 | 1.3 | 1.8 | .2 | | | | | | | | 3.7 | 7.0 |
| WSW | .9 | 1.4 | .9 | .2 | | | | | | | | 3.3 | 5.7 |
| W | .9 | 1.4 | .4 | .3 | | | | | | | | 3.0 | 5.5 |
| WNW | .5 | .8 | .9 | .1 | | | | | | | | 2.3 | 6.0 |
| NW | .5 | 1.2 | 1.6 | .6 | .1 | | | | | | | 4.1 | 7.9 |
| NNW | .1 | .3 | .5 | .8 | .2 | | | | | | | 1.9 | 11.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.8 | |
| | 13.2 | 32.3 | 35.7 | 12.6 | 1.4 | | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949 OFFUTT AFB NE 5-7-78 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .5 | 1.8 | 4.0 | 1.9 | .1 | | | | | | | 8.4 | 8.0 |
| NNE | .3 | 1.3 | 1.3 | .4 | | | | | | | | 3.3 | 7.1 |
| NE | .4 | 2.4 | 1.5 | .4 | | | | | | | | 4.7 | 6.4 |
| ENE | 1.0 | 1.8 | 1.2 | | | | | | | | | 4.0 | 5.5 |
| E | 1.0 | 3.3 | 1.9 | .2 | | | | | | | | 6.5 | 6.1 |
| ESE | .4 | 2.4 | 1.1 | .4 | | | | | | | | 4.3 | 6.5 |
| SE | .6 | 3.4 | 2.8 | 2.7 | .5 | | | | | | | 10.1 | 8.8 |
| SSE | .5 | 2.7 | 5.5 | 4.1 | .6 | | | | | | | 13.4 | 9.6 |
| S | .8 | 3.0 | 9.0 | 5.3 | .5 | | | | | | | 19.4 | 9.6 |
| SSW | .9 | 1.5 | 2.5 | 1.3 | | | | | | | | 6.1 | 7.9 |
| SW | .8 | 1.4 | 1.0 | .8 | | | | | | | | 4.5 | 7.5 |
| WSW | .9 | 1.0 | 1.3 | .1 | .1 | | | | | | | 3.3 | 6.2 |
| W | .2 | 1.1 | 1.1 | .1 | | | | | | | | 2.5 | 6.7 |
| WNW | .4 | .9 | .4 | | | | | | | | | 1.7 | 5.4 |
| NW | .1 | 1.0 | .9 | .1 | .1 | | | | | | | 2.2 | 7.3 |
| NNW | | 1.2 | .6 | 1.5 | | .1 | | | | | | 3.4 | 10.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.2 | |
| | 8.8 | 30.1 | 37.4 | 19.4 | 2.0 | .1 | | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DIEUTT AFB NE

STATION NAME

69-78

YEARS

AUG

MONTH

ALL WEATHER

CLASS

1500-1700

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | 1.1 | 3.0 | 1.5 | .1 | | | | | | | 6.3 | 8.7 |
| NNE | .4 | 1.6 | 3.0 | .2 | | | | | | | | 5.3 | 7.1 |
| NE | .8 | 1.5 | 2.0 | .2 | | | | | | | | 4.5 | 6.5 |
| ENE | 1.6 | 1.7 | 1.3 | .1 | | | | | | | | 4.7 | 5.3 |
| E | 1.0 | 3.5 | 3.1 | .2 | | | | | | | | 7.8 | 6.4 |
| ESE | .3 | 2.0 | 1.9 | .5 | | | | | | | | 4.8 | 7.3 |
| SE | .3 | 3.4 | 4.4 | 3.1 | .5 | | | | | | | 11.8 | 9.3 |
| SSE | .4 | 1.8 | 5.1 | 6.3 | 1.0 | | | | | | | 14.6 | 10.7 |
| S | 1.4 | 1.8 | 6.9 | 7.2 | .4 | | | | | | | 17.7 | 9.7 |
| SSW | .4 | .6 | 1.9 | 1.1 | | | | | | | | 4.1 | 8.4 |
| SW | .5 | .9 | 1.4 | .5 | | | | | | | | 3.3 | 7.4 |
| WSW | .3 | .6 | .3 | .7 | | | | | | | | 1.5 | 5.9 |
| W | .4 | 1.5 | .3 | .1 | | .1 | | | | | | 2.5 | 6.0 |
| WNW | .2 | .5 | .5 | | | | | | | | | 1.3 | 5.9 |
| NW | .5 | 1.0 | 1.7 | .4 | | | | | | | | 3.4 | 6.8 |
| NNW | | .5 | 2.3 | .8 | .2 | | | | | | | 3.8 | 9.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.4 | |
| | 9.4 | 24.3 | 39.2 | 22.4 | 2.3 | .1 | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949 OFFUTT AFB NE 69-78 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.0 | 2.6 | 3.0 | 1.2 | .3 | | | | | | | 8.1 | 7.7 |
| NNE | 1.9 | 2.3 | 1.2 | .2 | | | | | | | | 5.6 | 4.9 |
| NE | 1.8 | 1.6 | 1.4 | | | | | | | | | 4.8 | 4.9 |
| ENE | 1.1 | 1.9 | .8 | .3 | | | | | | | | 4.1 | 5.6 |
| E | 3.2 | 4.9 | 1.7 | .1 | | | | | | | | 10.0 | 4.8 |
| ESE | 3.2 | 4.9 | 3.4 | .3 | | | | | | | | 11.9 | 5.4 |
| SE | 1.3 | 5.9 | 5.3 | 1.7 | | | | | | | | 14.2 | 7.1 |
| SSE | 1.1 | 4.6 | 6.3 | 2.7 | .2 | | | | | | | 14.9 | 8.0 |
| S | 1.2 | 2.6 | 3.8 | 1.8 | | | | | | | | 9.4 | 7.4 |
| SSW | .1 | 1.3 | .5 | | .1 | | | | | | | 2.0 | 6.3 |
| SW | .2 | .4 | .1 | | | | | | | | | .8 | 4.9 |
| WSW | .4 | .1 | | .1 | | | | | | | | .6 | 5.0 |
| W | .2 | .1 | .1 | .2 | .1 | | | | | | | .8 | 8.7 |
| WNW | .4 | .3 | | .1 | | | | | | | | .9 | 4.8 |
| NW | .5 | .8 | .3 | .1 | .1 | | | | | | | 1.8 | 5.9 |
| NNW | .3 | .4 | .9 | .1 | | | | | | | | 1.7 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.4 | |
| | 10.1 | 34.8 | 28.8 | 9.0 | .9 | | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949 PUEBLO AFB NF 69-78 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER 2100-2300
CLASS HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 1.0 | 1.6 | .2 | | .1 | .1 | | | | | 3.5 | 8.1 |
| NNE | 1.0 | 1.2 | .9 | .1 | .1 | | | | | | | 3.2 | 5.6 |
| NE | .4 | 2.3 | 1.0 | .2 | | | | | | | | 3.6 | 5.6 |
| ENE | .8 | 1.1 | .8 | .2 | | | | | | | | 2.8 | 5.9 |
| E | 3.4 | 4.0 | 2.2 | .3 | | | | | | | | 10.5 | 5.0 |
| ESE | 4.1 | 7.2 | 2.2 | .1 | | | | | | | | 13.5 | 4.8 |
| SE | 1.9 | 6.0 | 3.1 | 1.0 | | | | | | | | 12.0 | 6.1 |
| SSE | 1.4 | 3.7 | 2.7 | 1.6 | | | | | | | | 9.4 | 7.0 |
| S | 1.1 | 2.5 | 2.8 | 1.1 | | .1 | | | | | | 7.5 | 7.2 |
| SSW | .1 | .3 | .4 | | | | | | | | | .9 | 6.3 |
| SW | .2 | .2 | .2 | | | | | | | | | .6 | 5.2 |
| WSW | | .1 | | | | | | | | | | .1 | 5.0 |
| W | | | .4 | | | | | | | | | .4 | 9.3 |
| WNW | .1 | .3 | .1 | .2 | | | | | | | | .8 | 6.7 |
| NW | .4 | 1.0 | .5 | .2 | | | | | | | | 2.2 | 6.1 |
| NNW | .9 | .6 | .6 | .1 | | | | | | | | 2.3 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.3 | |
| | 16.3 | 32.0 | 19.5 | 5.4 | .1 | .2 | .1 | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

14949
STATION

WRIGHT AFB IN

STATION NAME

69-78

YEARS

AUG

MONTH

ALL WEATHER

CLASS

ALL

HOURLY (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 1.4 | 2.2 | .8 | .1 | .0 | .0 | | | | | 5.2 | 7.7 |
| NNE | .8 | 1.2 | 1.2 | .3 | .0 | | | | | | | 3.5 | 6.3 |
| NE | 1.0 | 1.8 | 1.1 | .2 | .0 | | | | | | | 4.2 | 5.6 |
| ENE | 1.2 | 1.7 | .9 | .2 | | | | | | | | 3.9 | 5.4 |
| E | 2.5 | 4.4 | 1.7 | .2 | | | | | | | | 8.8 | 5.0 |
| ESE | 2.0 | 4.5 | 2.0 | .4 | | | | | | | | 9.0 | 5.4 |
| SE | 1.5 | 4.0 | 3.7 | 1.6 | .2 | | | | | | | 10.8 | 7.2 |
| SSE | 1.4 | 3.2 | 3.7 | 2.4 | .3 | | | | | | | 11.0 | 8.1 |
| S | 1.3 | 3.3 | 5.4 | 2.6 | .1 | .0 | | | | | | 12.7 | 8.0 |
| SSW | .6 | 1.0 | 1.0 | .4 | .0 | | | | | | | 2.9 | 6.8 |
| SW | .3 | .6 | .7 | .2 | | | | | | | | 1.8 | 6.8 |
| WSW | .4 | .6 | .3 | .1 | .0 | | | | | | | 1.5 | 5.4 |
| W | .3 | .7 | .4 | .1 | .0 | .0 | | | | | | 1.6 | 6.1 |
| WNW | .5 | .6 | .4 | .1 | | | | | | | | 1.6 | 5.5 |
| NW | .5 | 1.2 | 1.0 | .2 | .0 | | | | | | | 3.0 | 6.4 |
| NNW | .4 | .5 | .8 | .5 | .1 | .0 | | | | | | 2.3 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.3 | |
| | 15.3 | 30.8 | 26.5 | 10.1 | .8 | .1 | .0 | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS

7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 1.9 | 1.9 | .4 | | | | | | | | 5.0 | 6.5 |
| NNE | .7 | 2.1 | 1.7 | | | | | | | | | 4.4 | 5.9 |
| NE | .8 | 1.4 | .7 | .3 | .1 | | | | | | | 3.3 | 6.2 |
| ENE | .3 | 1.6 | .8 | | | | | | | | | 2.7 | 5.1 |
| E | 2.0 | 4.4 | 1.0 | | | | | | | | | 7.4 | 4.5 |
| ESE | 1.4 | 5.3 | 1.0 | | | | | | | | | 7.8 | 4.9 |
| SE | 1.7 | 3.8 | 3.7 | 1.1 | | | | | | | | 10.2 | 6.5 |
| SSE | .9 | 1.7 | 2.8 | 1.7 | | | | | | | | 7.0 | 7.9 |
| S | 1.3 | 2.2 | 2.3 | 1.4 | | | | | | | | 7.3 | 7.2 |
| SSW | .4 | 1.3 | | | | | | | | | | 1.8 | 4.3 |
| SW | .2 | .4 | .3 | .1 | | | | | | | | 1.1 | 5.8 |
| WSW | .2 | .2 | .1 | | .1 | | | | | | | .7 | 6.5 |
| W | .1 | .3 | .2 | | | | | | | | | .7 | 6.2 |
| WNW | .4 | .7 | .2 | | | | | | | | | 1.3 | 4.6 |
| NW | .9 | 2.3 | 1.8 | .7 | | | | | | | | 5.7 | 6.5 |
| NNW | .3 | 1.7 | 1.0 | .6 | | | | | | | | 3.8 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.8 | |
| | 12.6 | 31.4 | 19.4 | 6.6 | .2 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DI FULT AFB NE

STATION NAME

69-78

YEARS

SEP

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 2.2 | 1.9 | 1.0 | | | | | | | | 6.2 | 7.0 |
| NNE | .8 | 2.7 | .8 | .3 | | | | | | | | 4.6 | 5.4 |
| NE | 1.1 | 1.2 | 1.0 | .3 | | | | | | | | 3.7 | 5.4 |
| ENE | .6 | .4 | .4 | | | | | | | | | 1.4 | 5.2 |
| E | 2.8 | 3.9 | .4 | .1 | | | | | | | | 7.2 | 4.1 |
| ESE | 2.2 | 5.1 | 1.3 | | | | | | | | | 8.7 | 4.5 |
| SE | 1.8 | 3.4 | 1.8 | .3 | | .1 | | | | | | 7.4 | 5.8 |
| SSE | 1.3 | 2.1 | 3.0 | .7 | | | | | | | | 7.1 | 6.6 |
| S | 1.2 | 1.4 | 2.2 | 1.0 | | | | | | | | 5.9 | 6.8 |
| SSW | .7 | .4 | | | | | | | | | | 1.1 | 3.1 |
| SW | .4 | | .2 | .1 | | | | | | | | .8 | 5.3 |
| WSW | .6 | .4 | | | | | | | | | | 1.0 | 3.6 |
| W | .1 | .3 | .4 | .1 | | | | | | | | 1.0 | 6.4 |
| WNW | .8 | .8 | .3 | | | | | | | | | 1.9 | 4.1 |
| NW | 1.0 | 2.9 | 1.6 | .3 | | | | | | | | 5.8 | 5.8 |
| NNW | 1.4 | 1.4 | 1.0 | .4 | | | | | | | | 4.3 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.9 | |
| | 17.9 | 28.9 | 16.4 | 4.8 | | .1 | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 2.7 | 2.9 | 1.3 | .1 | | | | | | | 8.7 | 7.1 |
| NNE | .9 | 1.3 | 2.0 | .2 | .1 | | | | | | | 4.6 | 6.7 |
| NE | .4 | 1.2 | .8 | | | | | | | | | 2.4 | 5.4 |
| ENE | .3 | 1.8 | .4 | | | | | | | | | 2.6 | 5.4 |
| E | 1.2 | 3.1 | 1.3 | | | | | | | | | 5.7 | 5.0 |
| ESE | 1.9 | 4.7 | 1.4 | .3 | | | | | | | | 8.3 | 5.1 |
| SE | 2.7 | 5.0 | 3.4 | 1.0 | | | | | | | | 12.1 | 6.0 |
| SSE | 1.2 | 2.7 | 3.7 | 1.6 | .1 | | | | | | | 9.2 | 7.5 |
| S | 1.9 | 1.9 | 2.1 | .9 | .1 | | | | | | | 6.9 | 6.4 |
| SSW | .8 | .3 | .2 | | | | | | | | | 1.3 | 4.3 |
| SW | .4 | .1 | .3 | | | | | | | | | .9 | 4.5 |
| WSW | .1 | | .1 | | | | | | | | | .2 | 4.5 |
| W | .4 | .3 | .3 | | | | | | | | | 1.1 | 4.5 |
| WNW | .6 | .8 | .2 | .1 | | | | | | | | 1.9 | 4.9 |
| NW | 1.8 | 2.8 | 1.7 | .6 | | | | | | | | 6.8 | 5.7 |
| NNW | .2 | 1.4 | 1.6 | .2 | | | | | | | | 3.4 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.9 | |
| | 16.8 | 30.1 | 22.6 | 6.2 | .4 | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14940
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

SEP

MONTH

ALL WEATHER

CLASS

0900-1100

HOURLY (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 14 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 1.4 | 4.6 | 4.1 | .2 | | | | | | | 11.0 | 7.9 |
| NNE | .7 | 1.8 | 3.2 | .6 | | | | | | | | 6.4 | 7.3 |
| NE | 1.0 | .8 | 1.0 | .1 | | | | | | | | 3.4 | 6.1 |
| ENE | .4 | .6 | .9 | .3 | | | | | | | | 2.2 | 7.2 |
| E | 1.0 | 2.2 | 1.7 | .2 | | | | | | | | 5.1 | 6.0 |
| ESE | .7 | 1.2 | 1.9 | | | | | | | | | 3.8 | 6.1 |
| SE | 1.2 | 1.6 | 4.2 | 2.1 | .2 | | | | | | | 9.3 | 8.4 |
| SSE | .9 | 2.3 | 7.9 | 3.0 | .4 | | | | | | | 14.6 | 8.8 |
| S | 1.0 | 3.3 | 4.9 | 4.6 | | .1 | | | | | | 14.1 | 8.8 |
| SSW | .3 | 1.0 | 1.1 | .4 | | | | | | | | 2.9 | 7.2 |
| SW | .7 | 1.3 | 1.0 | .4 | | | | | | | | 3.4 | 6.6 |
| WSW | .9 | 1.0 | .9 | .6 | .1 | | | | | | | 3.4 | 7.0 |
| W | .4 | .7 | 1.2 | .7 | | | | | | | | 3.2 | 7.9 |
| WNW | .4 | 1.0 | .4 | .3 | | | | | | | | 2.2 | 6.5 |
| NW | .2 | 1.3 | .9 | 1.2 | .1 | | | | | | | 3.8 | 9.0 |
| NNW | .1 | 1.3 | 1.4 | 1.4 | .1 | | | | | | | 4.4 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.6 | |
| | 10.7 | 22.9 | 37.8 | 20.8 | 1.2 | .1 | | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

SEP

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 2.4 | 4.1 | 3.6 | .3 | | | | | | | 11.1 | 9.3 |
| NNE | .7 | 1.1 | 2.3 | .2 | .1 | | | | | | | 4.4 | 7.3 |
| NE | .6 | .9 | 1.3 | .3 | .1 | | | | | | | 3.2 | 7.2 |
| ENE | .6 | 1.0 | .9 | .1 | | | | | | | | 2.6 | 5.8 |
| E | 1.0 | 1.9 | 1.3 | | | | | | | | | 4.2 | 5.5 |
| ESE | .6 | 1.8 | 1.7 | .1 | | | | | | | | 4.1 | 6.1 |
| SE | .4 | 1.6 | 3.9 | 2.2 | | | | | | | | 8.1 | 9.0 |
| SSE | .2 | 3.0 | 5.4 | 4.9 | .4 | | | | | | | 14.0 | 9.8 |
| S | .3 | 1.7 | 6.8 | 5.7 | .3 | .1 | | | | | | 14.9 | 10.4 |
| SSW | .3 | .7 | 2.1 | .4 | | | | | | | | 3.6 | 8.2 |
| SW | .7 | .9 | 1.2 | 1.3 | .1 | .3 | | | | | | 4.6 | 9.6 |
| WSW | .2 | 1.2 | 1.2 | .6 | | .2 | | | | | | 3.4 | 8.4 |
| W | .7 | 1.1 | .7 | .9 | .1 | | | | | | | 3.4 | 8.1 |
| WNW | .4 | .8 | 1.0 | .4 | .1 | | | | | | | 2.8 | 7.6 |
| NW | .2 | 1.3 | 1.7 | 2.3 | .3 | | | | | | | 5.9 | 10.2 |
| NNW | .7 | .7 | 3.7 | 1.4 | .1 | | | | | | | 6.6 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 8.2 | 22.0 | 39.3 | 24.6 | 2.1 | .7 | | | | | | 100.0 | 8.6 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949

OFFUTT AFB NE

69-78

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 3.1 | 5.7 | 2.6 | .1 | | | | | | | 12.8 | 8.3 |
| NNE | .0 | 1.2 | 1.9 | .6 | | | | | | | | 4.4 | 7.6 |
| NE | .7 | 1.2 | 1.9 | .3 | | | | | | | | 4.1 | 6.8 |
| ENE | .0 | 1.2 | 1.3 | .7 | | | | | | | | 3.3 | 6.8 |
| E | 1.4 | 2.7 | 1.8 | .1 | | | | | | | | 6.0 | 5.4 |
| ESE | .2 | .9 | 1.3 | .4 | | | | | | | | 7.9 | 7.7 |
| SE | .7 | 2.3 | 3.0 | 2.4 | .1 | | | | | | | 9.6 | 8.6 |
| SSE | .4 | 1.8 | 5.3 | 5.7 | .7 | | | | | | | 13.9 | 10.5 |
| S | .0 | 1.3 | 5.3 | 4.4 | .4 | | | | | | | 12.3 | 9.9 |
| SSW | .4 | .2 | 2.2 | .7 | .2 | | | | | | | 3.8 | 8.6 |
| SW | .4 | 1.2 | 1.7 | .7 | | | | | | | | 4.0 | 7.7 |
| WSW | .9 | 1.1 | 1.3 | .6 | .1 | | | | | | | 4.0 | 7.1 |
| W | .1 | 1.0 | 1.3 | .6 | .1 | | | | | | | 3.1 | 8.4 |
| WNW | .0 | .9 | .7 | .2 | .1 | | | | | | | 2.4 | 6.7 |
| NW | .4 | 1.1 | 1.6 | 1.3 | .6 | | | | | | | 5.0 | 9.9 |
| NNW | .6 | .4 | 2.7 | 2.0 | .3 | | | | | | | 6.0 | 10.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.3 | |
| | 9.9 | 21.0 | 39.0 | 23.2 | 2.8 | | | | | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 2.4 | 3.2 | 3.8 | 1.2 | | | | | | | | 10.7 | 6.5 |
| NNE | 1.4 | .6 | 1.4 | .3 | | | | | | | | 3.8 | 6.1 |
| NE | 1.9 | 1.6 | .8 | .1 | | | | | | | | 4.3 | 4.5 |
| ENE | 1.6 | 1.7 | .7 | .1 | | | | | | | | 4.0 | 4.4 |
| E | 1.6 | 4.7 | 1.0 | .1 | | | | | | | | 7.3 | 4.9 |
| ESE | 1.3 | 3.0 | 1.2 | .6 | .1 | | | | | | | 6.2 | 5.9 |
| SE | .7 | 4.1 | 4.1 | 1.3 | .1 | | | | | | | 10.3 | 7.3 |
| SSE | .7 | 3.7 | 5.2 | 1.4 | | | | | | | | 11.0 | 7.6 |
| S | 1.7 | 2.6 | 2.8 | 1.6 | | | | | | | | 8.6 | 7.0 |
| SSW | 1.0 | .9 | .6 | | | | | | | | | 2.4 | 4.4 |
| SW | .8 | 1.1 | .1 | | | | | | | | | 2.0 | 4.2 |
| WSW | .6 | .8 | | .1 | | | | | | | | 1.4 | 4.5 |
| W | .2 | .6 | .1 | .1 | | | | | | | | 1.0 | 5.3 |
| WNW | .4 | .2 | | | | | | | | | | .7 | 3.2 |
| NW | .8 | 1.6 | 1.1 | 1.0 | .1 | | | | | | | 4.6 | 7.3 |
| NNW | 1.1 | 1.2 | 1.7 | .7 | .2 | | | | | | | 4.9 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.8 | |
| | 18.1 | 31.3 | 24.6 | 8.7 | .6 | | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949 OFFUTT AFB NE 69-78 SEP
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.2 | 2.2 | 2.0 | .6 | .1 | | | | | | | 6.1 | 6.8 |
| NNE | .8 | 1.2 | 1.3 | .3 | | | | | | | | 3.7 | 6.3 |
| NE | 1.0 | 1.7 | 1.6 | .2 | | | | | | | | 5.0 | 5.3 |
| ENE | .7 | 1.1 | | | | | | | | | | 1.8 | 3.9 |
| E | 1.8 | 4.9 | 1.1 | .1 | | | | | | | | 7.9 | 4.7 |
| ESE | 1.7 | 3.9 | 1.0 | .1 | | | | | | | | 6.7 | 4.6 |
| SE | 1.4 | 4.1 | 4.8 | .9 | | | | | | | | 11.7 | 6.8 |
| SSE | 1.2 | 1.7 | 4.1 | 2.3 | | | | | | | | 9.3 | 8.3 |
| S | .9 | 1.6 | 2.9 | 1.4 | | | | | | | | 6.8 | 7.7 |
| SSW | .6 | .7 | .1 | | | | | | | | | 1.3 | 4.3 |
| SW | .3 | .1 | | | | | | | | | | .4 | 2.8 |
| WSW | .1 | .3 | .3 | | | | | | | | | .8 | 6.1 |
| W | .1 | .2 | .2 | .1 | | | | | | | | .7 | 6.8 |
| WNW | .1 | .4 | .2 | | | | | | | | | .8 | 4.6 |
| NW | .8 | 2.7 | 1.2 | .3 | .2 | | | | | | | 5.2 | 6.5 |
| NNW | .3 | .8 | 1.0 | .0 | | | | | | | | 2.7 | 7.7 |
| VARBL | | | | | | | | | | | | 29.7 | |
| CALM | | | | | | | | | | | | | |
| | 13.6 | 27.6 | 21.9 | 7.0 | .3 | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DEPUTT AFB NE

STATION NAME

69-78

YEARS

SEP

MONTH

ALL WEATHER

CLASS

ALL

MOUSE (L.S.T.)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 2.4 | 3.3 | 1.4 | .1 | | | | | | | 3.9 | 7.9 |
| NNE | .8 | 1.5 | 1.8 | .4 | .0 | | | | | | | 4.5 | 6.6 |
| NE | 1.0 | 1.2 | 1.2 | .2 | .0 | | | | | | | 3.7 | 5.8 |
| ENE | .0 | 1.2 | .7 | .1 | | | | | | | | 2.6 | 5.5 |
| E | 1.0 | 3.5 | 1.7 | .1 | | | | | | | | 6.4 | 4.9 |
| ESE | 1.2 | 3.2 | 1.4 | .4 | .0 | | | | | | | 6.1 | 5.3 |
| SE | 1.3 | 3.2 | 3.0 | 1.4 | .1 | .0 | | | | | | 9.7 | 7.2 |
| SSE | .5 | 2.4 | 4.7 | 2.7 | .2 | | | | | | | 10.8 | 8.6 |
| S | 1.1 | 2.0 | 3.7 | 2.7 | .1 | .0 | | | | | | 9.6 | 8.5 |
| SSW | .0 | .7 | .8 | .2 | .0 | | | | | | | 2.3 | 6.3 |
| SW | .5 | .7 | .6 | .5 | .0 | .0 | | | | | | 2.2 | 7.1 |
| WSW | .4 | .6 | .5 | .4 | .0 | .0 | | | | | | 1.9 | 6.8 |
| W | .3 | .6 | .6 | .5 | .0 | .0 | | | | | | 1.8 | 7.4 |
| WNW | .5 | .7 | .4 | .1 | .0 | | | | | | | 1.7 | 5.8 |
| NW | .8 | 2.0 | 1.4 | 1.0 | .2 | | | | | | | 5.3 | 7.5 |
| NNW | .5 | 1.1 | 1.7 | .9 | .1 | | | | | | | 4.5 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.1 | |
| | 13.2 | 27.0 | 27.6 | 12.1 | 1.0 | .1 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS

7290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949 DEFTT AFB NE 67-78 JCT
STATION STATION NAME YEARS NORTH
ALL WEATHER
CLASS
CONDITION
0000-0200
HOURS (LST)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 1.0 | 2.2 | 2.8 | 1.6 | .2 | | | | | | | 7.7 | 8.1 |
| NNE | .4 | 1.1 | 1.1 | .5 | | | | | | | | 3.1 | 7.5 |
| NE | .5 | .8 | .4 | .2 | | | | | | | | 1.9 | 5.7 |
| ENE | .8 | .5 | 1.0 | .1 | | | | | | | | 2.4 | 5.9 |
| E | 1.5 | 2.6 | .5 | | | | | | | | | 4.6 | 4.5 |
| ESE | 1.2 | 3.1 | 2.2 | .2 | | | | | | | | 6.7 | 5.8 |
| SE | .9 | 2.3 | 1.9 | .5 | | | | | | | | 5.8 | 6.6 |
| SSE | 1.4 | 2.4 | 2.5 | .6 | | | | | | | | 6.9 | 6.2 |
| S | 1.4 | 1.8 | 3.4 | 1.9 | | | | | | | | 8.6 | 7.5 |
| SSW | .6 | .2 | .4 | | | | | | | | | 1.3 | 4.7 |
| SW | .3 | .2 | .2 | | | | | | | | | .8 | 4.3 |
| WSW | .1 | .3 | .1 | | | | | | | | | .5 | 4.4 |
| W | .0 | .4 | .5 | .1 | | | | | | | | 1.7 | 5.4 |
| WNW | .6 | 1.9 | 1.1 | .4 | .3 | | | | | | | 4.4 | 7.2 |
| NW | .9 | 3.7 | 1.4 | .6 | | | | | | | | 6.6 | 6.3 |
| NNW | 1.2 | 1.0 | 1.3 | 1.5 | .2 | | | | | | | 5.2 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.8 | |
| | 13.4 | 24.4 | 20.9 | 8.1 | .8 | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

PIFUTT AFJ NE

STATION NAME

69-78

YEARS

UCT

NORTH

ALL WEATHER
CLASS

0300-0500
HOURS (L & T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | 2.8 | 2.0 | 1.2 | .2 | | | | | | | 7.5 | 7.4 |
| NNE | .2 | .9 | .5 | .9 | | | | | | | | 2.5 | 8.4 |
| NE | .4 | .6 | .6 | .0 | | | | | | | | 2.4 | 7.5 |
| ENE | .1 | .3 | .8 | | | | | | | | | 1.2 | 7.1 |
| E | 1.4 | 1.8 | 1.1 | .2 | | | | | | | | 4.5 | 5.1 |
| ESE | 1.3 | 3.0 | 2.4 | .3 | | | | | | | | 7.2 | 6.1 |
| SE | 1.2 | 1.9 | 2.0 | .3 | | | | | | | | 5.7 | 6.3 |
| SSE | 1.0 | 2.4 | 1.8 | .6 | | | | | | | | 5.9 | 6.5 |
| S | 1.3 | 1.9 | 2.0 | .6 | | | | | | | | 6.0 | 6.6 |
| SSW | .3 | .2 | .1 | | | | | | | | | .9 | 3.6 |
| SW | .3 | .3 | .2 | | | | | | | | | .9 | 4.4 |
| WSW | .3 | .2 | | | | | | | | | | .8 | 3.0 |
| W | .9 | .9 | 1.1 | .3 | | | | | | | | 3.3 | 6.8 |
| WNW | .3 | 1.3 | 1.3 | .3 | .2 | | | | | | | 3.7 | 7.0 |
| NW | .9 | 2.0 | 2.6 | 1.2 | | | | | | | | 6.7 | 7.1 |
| NNW | 1.0 | 1.5 | 1.3 | 1.1 | .4 | | | | | | | 5.9 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 35.1 | |
| | 12.3 | 24.2 | 20.4 | 9.6 | .9 | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DEPUTY AFB NF

STATION NAME

67-78

YEARS

JCT

MONTH

ALL WEATHER

CLASS

0600-0800

HOURLS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 2.0 | 3.0 | 2.7 | .2 | | | | | | | 9.2 | 8.4 |
| NNE | .3 | 1.4 | 1.3 | .5 | | | | | | | | 3.5 | 7.1 |
| NE | .6 | 1.0 | 1.1 | .3 | | | | | | | | 3.0 | 6.5 |
| ENE | .2 | .3 | .5 | | | | | | | | | 1.1 | 6.7 |
| E | .5 | 1.5 | .9 | .1 | | | | | | | | 3.0 | 5.3 |
| ESE | 1.8 | 4.0 | 2.0 | .1 | | | | | | | | 8.0 | 5.3 |
| SE | 1.8 | 3.4 | 3.0 | 1.3 | | | | | | | | 9.6 | 6.5 |
| SSE | 1.3 | 2.7 | 1.8 | 1.3 | | | | | | | | 7.3 | 6.8 |
| S | 1.2 | 3.3 | 1.0 | 1.4 | | | | | | | | 6.9 | 6.3 |
| SSW | .5 | | .1 | .1 | | | | | | | | .8 | 5.0 |
| SW | .3 | | | | | | | | | | | .3 | 2.3 |
| WSW | .3 | .1 | .1 | | | | | | | | | .5 | 3.8 |
| W | 1.0 | .6 | .5 | .6 | | | | | | | | 2.8 | 6.3 |
| WNW | .4 | 1.3 | 1.2 | .5 | .1 | | | | | | | 3.9 | 7.7 |
| NW | 1.7 | 2.3 | 2.3 | .4 | | | | | | | | 6.7 | 6.0 |
| NNW | .4 | 1.8 | 1.1 | 2.0 | .4 | .1 | | | | | | 5.9 | 9.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.5 | |
| | 14.2 | 26.0 | 19.9 | 11.5 | .8 | .1 | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949 DEPUTT AFB NE 69-78 UCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
0900-1100
HOURS (L & T)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | 2.0 | 0.3 | 3.2 | .4 | | | | | | | 12.7 | 9.3 |
| NNE | .3 | .6 | 1.0 | .2 | | | | | | | | 3.1 | 7.9 |
| NE | 1.0 | 1.3 | 1.5 | .5 | .1 | | | | | | | 4.4 | 6.6 |
| ENE | .3 | .8 | .0 | | | | | | | | | 1.8 | 6.2 |
| E | .3 | .9 | .0 | | | | | | | | | 1.9 | 5.9 |
| ESE | | .0 | 1.2 | .0 | | | | | | | | 2.5 | 8.6 |
| SE | .5 | 2.5 | 4.1 | 1.0 | .2 | | | | | | | 8.9 | 8.2 |
| SSE | 1.3 | 2.3 | 4.6 | 3.5 | .2 | | | | | | | 11.9 | 8.7 |
| S | 1.3 | 3.2 | 5.3 | 3.7 | .3 | | | | | | | 13.8 | 8.8 |
| SSW | 1.4 | 1.3 | 1.5 | .0 | | | | | | | | 4.9 | 6.3 |
| SW | .2 | .3 | 1.1 | .9 | .1 | | | | | | | 2.6 | 9.6 |
| WSW | .4 | 1.2 | 1.5 | .9 | | | | | | | | 4.0 | 8.0 |
| W | .9 | 1.0 | .9 | .1 | .1 | | | | | | | 2.9 | 6.1 |
| WNW | .5 | .6 | 1.5 | 1.5 | .2 | .1 | | | | | | 4.5 | 10.0 |
| NW | .0 | 1.4 | 2.0 | 2.3 | .2 | | | | | | | 6.6 | 9.0 |
| NNW | .4 | 1.3 | 1.1 | 2.8 | .3 | .2 | | | | | | 6.1 | 10.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.3 | |
| | 10.2 | 21.3 | 35.9 | 22.7 | 2.3 | .3 | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

57-78

YEARS

JCT

MONTH

ALL WEATHER

1200-1400

CLASS

HOURLS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .3 | 2.4 | 0.1 | 4.5 | .4 | .1 | | | | | | 13.7 | 9.8 |
| NNE | .4 | 1.2 | 1.7 | 1.0 | .2 | | | | | | | 4.5 | 8.5 |
| NE | .4 | .9 | 1.4 | .5 | | | | | | | | 3.0 | 7.0 |
| ENE | .2 | .6 | .6 | .2 | | | | | | | | 1.7 | 7.0 |
| E | .5 | 1.0 | .5 | | | | | | | | | 2.0 | 5.3 |
| ESE | .3 | .5 | 1.0 | .5 | | | | | | | | 2.4 | 8.2 |
| SE | .4 | .8 | 3.0 | 2.4 | .1 | | | | | | | 6.7 | 6.7 |
| SSE | .2 | 1.0 | 4.0 | 3.3 | .9 | .2 | | | | | | 10.2 | 10.7 |
| S | .6 | 2.7 | 4.6 | 6.1 | 1.5 | .3 | | | | | | 15.9 | 11.0 |
| SSW | .3 | 1.5 | 2.9 | .7 | .1 | | | | | | | 5.7 | 8.4 |
| SW | .3 | .6 | 1.5 | .6 | .1 | | | | | | | 3.3 | 9.0 |
| WSW | .5 | .8 | 1.7 | 1.5 | .2 | | | | | | | 4.7 | 9.1 |
| W | .1 | .6 | 2.6 | .6 | .3 | | | | | | | 4.4 | 9.3 |
| WNW | .4 | .6 | 1.3 | 1.0 | .5 | .2 | | | | | | 4.9 | 11.2 |
| NW | .4 | .5 | 1.6 | 2.2 | .8 | .3 | | | | | | 5.8 | 11.5 |
| NNW | .2 | 1.3 | 1.8 | 3.4 | 1.0 | | | | | | | 7.7 | 11.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.2 | |
| | 5.2 | 17.6 | 36.5 | 29.5 | 6.1 | 1.2 | | | | | | 100.0 | 9.6 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DEPUTT AFB NE

STATION NAME

6-7-78

YEARS

0CT

MONTH

ALL WEATHER

CLASS

1200-1700

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 3.7 | 5.7 | 4.3 | .1 | | | | | | | 14.9 | 8.6 |
| NNE | .1 | 1.3 | 1.0 | 1.0 | | | | | | | | 3.3 | 8.1 |
| NE | .2 | .6 | 1.0 | .6 | | | | | | | | 2.8 | 7.4 |
| ENE | | .6 | .3 | | | | | | | | | 1.0 | 6.3 |
| E | .5 | .5 | .5 | | | | | | | | | 1.6 | 5.1 |
| ESE | .1 | 1.4 | 1.2 | .4 | .1 | | | | | | | 4.0 | 7.9 |
| SE | .2 | 1.3 | 3.1 | 2.3 | .1 | | | | | | | 7.0 | 9.3 |
| SSE | .5 | 1.9 | 4.0 | 3.0 | .6 | | | | | | | 10.1 | 9.6 |
| S | 1.4 | 2.2 | 4.6 | 6.0 | 1.3 | .5 | | | | | | 15.8 | 10.7 |
| SSW | .3 | 1.3 | 1.1 | 1.0 | .3 | | | | | | | 4.0 | 8.9 |
| SW | .4 | .8 | 1.5 | .7 | | | | | | | | 2.9 | 7.0 |
| WSW | .6 | 1.4 | 1.1 | .5 | .1 | | | | | | | 3.8 | 7.3 |
| W | .8 | .9 | 1.9 | .9 | .1 | | | | | | | 4.5 | 7.7 |
| WNW | .2 | 1.0 | 1.3 | 1.3 | .8 | | | | | | | 4.5 | 10.7 |
| NW | .2 | 1.4 | 2.7 | 1.9 | .2 | .1 | | | | | | 6.6 | 9.7 |
| NNW | .4 | 1.3 | 2.9 | 3.7 | 1.1 | | | | | | | 9.4 | 10.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 7.6 | 21.2 | 34.6 | 21.1 | 4.8 | .4 | | | | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DE FULT AFB NE
STATION NAME

69-78
YEARS

UCT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 4.7 | 4.5 | 2.7 | .4 | | | | | | | 14.3 | 7.5 |
| NNE | 1.1 | .9 | 1.3 | .5 | | | | | | | | 3.5 | 6.4 |
| NE | .2 | 1.0 | .6 | .1 | | | | | | | | 2.6 | 5.2 |
| ENE | 1.1 | .3 | .4 | .1 | | | | | | | | 1.9 | 4.7 |
| E | 1.3 | 1.5 | .9 | | | | | | | | | 3.7 | 4.9 |
| ESE | 1.2 | 3.9 | 2.6 | .3 | | | | | | | | 8.7 | 5.9 |
| SE | 1.1 | 3.5 | 2.6 | .6 | | | | | | | | 7.8 | 6.2 |
| SSE | .9 | 2.6 | 3.2 | 2.2 | .1 | | | | | | | 8.9 | 8.0 |
| S | .9 | 2.0 | 1.9 | 1.0 | .3 | | | | | | | 6.8 | 8.3 |
| SSW | .3 | 1.1 | .3 | .3 | | | | | | | | 2.0 | 6.2 |
| SW | 1.3 | .5 | .1 | | | | | | | | | 1.9 | 2.9 |
| WSW | 1.2 | .9 | | | | | | | | | | 2.0 | 3.2 |
| W | .6 | 1.2 | .6 | .2 | | | | | | | | 2.7 | 5.4 |
| WNW | .6 | 1.2 | .4 | .5 | | | | | | | | 2.8 | 6.2 |
| NW | 1.3 | 2.5 | 2.2 | .4 | | | | | | | | 6.3 | 6.3 |
| NNW | .6 | 2.4 | 1.4 | 1.6 | | | | | | | | 6.0 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.4 | |
| | 16.2 | 30.1 | 23.3 | 11.1 | .9 | | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14946 OFFUTT AFB NE 67-78 OCT
STATION NAME YEARS MONTH
ALL WEATHER CLASS 2100-2300
HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 2.4 | 3.3 | 2.0 | .0 | | | | | | | 9.5 | 9.2 |
| NNE | .0 | .6 | .6 | .4 | | | | | | | | 2.2 | 6.0 |
| NE | .4 | .8 | .5 | .1 | | | | | | | | 1.8 | 5.4 |
| ENE | 1.1 | .5 | .5 | .1 | | | | | | | | 2.3 | 4.7 |
| E | 1.4 | 2.2 | 1.1 | .1 | | | | | | | | 4.7 | 5.2 |
| ESE | 1.0 | 4.0 | 1.9 | .3 | | | | | | | | 7.2 | 5.9 |
| SE | .9 | 2.7 | 3.2 | .3 | | | | | | | | 7.1 | 6.6 |
| SSE | 1.0 | 1.5 | 3.7 | 1.3 | | | | | | | | 7.4 | 8.1 |
| S | 1.3 | 2.4 | 2.3 | 2.8 | | | | | | | | 8.7 | 8.2 |
| SSW | .5 | .4 | | | | | | | | | | 1.0 | 3.4 |
| SW | .5 | .3 | .4 | .3 | | | | | | | | 1.6 | 6.5 |
| WSW | .3 | .1 | .1 | | | | | | | | | .5 | 4.2 |
| W | .4 | .5 | .3 | .3 | | | | | | | | 1.6 | 6.1 |
| WNW | 1.1 | 2.0 | .8 | .2 | .2 | | | | | | | 4.3 | 6.1 |
| NW | 1.2 | 4.4 | 1.7 | .4 | .2 | | | | | | | 8.0 | 6.0 |
| NNW | .4 | 1.5 | 1.2 | 1.3 | .4 | | | | | | | 5.1 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.1 | |
| | 12.7 | 26.3 | 21.7 | 10.6 | 1.5 | | | | | | | 100.0 | 5.1 |

NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 14949 OFFUTT AFB NE STATION NAME YEARS 69-78 UCT NORTH ALL HOURS (L.S.T.)

ALL WEATHER

CLAS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.0 | 2.8 | 4.3 | 2.1 | .3 | .1 | | | | | | 11.7 | 8.6 |
| NNE | .4 | 1.0 | 1.2 | .6 | .0 | | | | | | | 3.2 | 7.6 |
| NE | .6 | .9 | .9 | .4 | .0 | | | | | | | 2.7 | 6.5 |
| ENE | .5 | .5 | .0 | .1 | | | | | | | | 1.7 | 5.9 |
| E | .9 | 1.5 | .8 | .1 | | | | | | | | 3.3 | 5.1 |
| ESE | .9 | 2.0 | 1.9 | .4 | .0 | | | | | | | 5.8 | 6.7 |
| SE | .9 | 2.3 | 2.9 | 1.2 | .1 | | | | | | | 7.3 | 7.4 |
| SSE | .9 | 2.2 | 3.2 | 2.1 | .2 | .1 | | | | | | 8.6 | 8.4 |
| S | 1.2 | 2.4 | 3.1 | 3.0 | .4 | .1 | | | | | | 10.3 | 9.3 |
| SSW | .6 | .8 | .8 | .4 | .1 | | | | | | | 2.6 | 7.0 |
| SW | .5 | .4 | .6 | .3 | .0 | | | | | | | 1.8 | 6.9 |
| WSW | .5 | .6 | .6 | .4 | .0 | | | | | | | 2.1 | 7.0 |
| W | .7 | .8 | 1.1 | .4 | .1 | | | | | | | 3.0 | 7.0 |
| WNW | .6 | 1.2 | 1.1 | .5 | .3 | .0 | | | | | | 4.1 | 8.5 |
| NW | .9 | 2.3 | 2.1 | 1.2 | .2 | .1 | | | | | | 6.6 | 7.7 |
| NNW | .6 | 1.5 | 1.5 | 2.3 | .5 | .0 | | | | | | 6.4 | 9.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.3 | |
| | 11.0 | 23.7 | 25.7 | 16.3 | 2.2 | .3 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

67-78

YEARS

NOV

MONTH

ALL WINDS

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 1.9 | 4.9 | 2.4 | | .4 | | | | | | 10.6 | 9.0 |
| NNE | .6 | .4 | 1.2 | .7 | | | | | | | | 2.9 | 7.8 |
| NE | .3 | 1.0 | 1.0 | .2 | | | | | | | | 2.6 | 6.7 |
| ENE | .1 | .2 | .4 | | | | | | | | | .8 | 7.1 |
| E | 1.2 | 2.1 | .9 | | | | | | | | | 4.2 | 4.6 |
| ESE | 1.3 | 2.2 | 1.3 | .4 | | | | | | | | 5.3 | 5.6 |
| SE | 1.3 | 2.1 | 1.4 | .3 | | | | | | | | 5.2 | 5.6 |
| SSE | 1.1 | 1.1 | 2.3 | .4 | | | | | | | | 5.0 | 6.6 |
| S | 1.0 | 1.4 | 1.3 | .3 | .2 | | | | | | | 4.3 | 6.6 |
| SSW | 1.0 | .9 | .2 | .3 | | | | | | | | 2.4 | 5.2 |
| SW | .6 | .6 | | | | | | | | | | 1.1 | 3.4 |
| WSW | .2 | .2 | .1 | .1 | | | | | | | | .7 | 6.0 |
| W | .8 | .8 | .9 | | | | | | | | | 2.4 | 5.3 |
| WNW | .7 | 2.6 | 2.0 | .6 | .6 | | | | | | | 6.3 | 7.9 |
| NW | .8 | 3.4 | 3.4 | 1.4 | .4 | | .1 | | | | | 9.7 | 8.3 |
| NNW | .8 | 1.4 | 2.6 | 2.4 | .6 | .7 | .2 | | | | | 8.7 | 11.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.8 | |
| | 12.6 | 22.4 | 24.1 | 9.3 | 1.8 | 1.6 | .3 | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DEFTT AFB NC
STATION NAME

61-78
YEARS

NOV
MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 1.9 | 3.7 | 2.7 | .3 | | | | | | | 0.9 | 8.9 |
| NNE | .4 | 1.1 | 1.4 | .9 | | | | | | | | 3.9 | 7.9 |
| NE | .9 | 1.0 | .4 | .4 | | | | | | | | 2.8 | 6.2 |
| ENE | .3 | .3 | .2 | | | | | | | | | .9 | 4.5 |
| E | 1.3 | 1.9 | 1.3 | .4 | | | | | | | | 5.0 | 5.8 |
| ESE | 1.0 | 2.2 | .6 | .3 | .1 | | | | | | | 4.2 | 5.8 |
| SE | 1.3 | 2.0 | 1.2 | .6 | | | | | | | | 3.1 | 5.8 |
| SSE | 1.4 | 2.8 | 1.6 | .1 | | | | | | | | 5.0 | 5.5 |
| S | 1.1 | 2.2 | .9 | .4 | .1 | | | | | | | 4.9 | 5.9 |
| SSW | .8 | .9 | .6 | .2 | | | | | | | | 2.4 | 5.6 |
| SW | .6 | .6 | .2 | | | | | | | | | 1.3 | 4.2 |
| WSW | .7 | .8 | .2 | | | | | | | | | 1.7 | 4.4 |
| W | .7 | 1.7 | 1.2 | | | | | | | | | 3.8 | 5.1 |
| WNW | .4 | 1.9 | 1.8 | .8 | .3 | .4 | | | | | | 5.7 | 9.1 |
| NW | 1.0 | 3.8 | 3.2 | 1.4 | 1.2 | | | | | | | 10.7 | 8.6 |
| NNW | .6 | 1.9 | 1.6 | 2.0 | .8 | .4 | | | | | | 7.2 | 10.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.8 | |
| | 14.0 | 27.0 | 20.1 | 10.3 | 2.9 | .7 | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DI FUTI AFB NF

STATION NAME

67-78

YEARS

NOV

MONTH

ALL WFTIME

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | 3.0 | 4.2 | 2.1 | .2 | | | | | | | 10.1 | 8.4 |
| NNE | .3 | 1.1 | 1.4 | .6 | .1 | | | | | | | 3.6 | 7.9 |
| NE | .9 | 1.2 | .5 | .5 | .1 | | | | | | | 3.6 | 6.9 |
| ENE | .2 | .7 | .2 | .2 | | | | | | | | 1.3 | 6.3 |
| E | 1.0 | 1.9 | 1.0 | .2 | | | | | | | | 4.7 | 5.1 |
| ESE | .9 | 2.7 | 1.9 | .4 | | | | | | | | 5.9 | 6.4 |
| SE | 1.1 | 1.0 | 2.7 | | | | | | | | | 5.3 | 6.0 |
| SSE | 1.0 | 1.9 | 2.3 | .1 | | | | | | | | 5.9 | 5.6 |
| S | 1.4 | 2.1 | .9 | .3 | | | | | | | | 4.8 | 5.3 |
| SSW | .6 | 1.0 | .2 | | | | | | | | | 1.8 | 4.7 |
| SW | .8 | .7 | .1 | | | | | | | | | 1.6 | 3.6 |
| WSW | 1.0 | .7 | .7 | .6 | | | | | | | | 2.6 | 5.5 |
| W | 1.2 | 1.0 | .9 | .1 | .1 | | | | | | | 3.3 | 5.5 |
| WNW | .7 | 1.3 | 1.2 | .7 | .4 | | | | | | | 4.6 | 8.8 |
| NW | .8 | 2.9 | 3.4 | 1.4 | .4 | | | | | | | 9.4 | 8.6 |
| NNW | .7 | 1.7 | 2.3 | 2.3 | 1.4 | .4 | | | | | | 8.9 | 11.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.8 | |
| | 14.2 | 22.3 | 24.1 | 9.6 | 2.9 | 1.1 | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

NOV

MONTH

0900-1100

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 1.7 | 3.6 | 3.2 | 1.0 | | | | | | | 10.3 | 10.0 |
| NNE | .2 | 1.6 | 1.8 | 1.4 | .3 | | | | | | | 5.3 | 8.9 |
| NE | .6 | .9 | 1.2 | .7 | | | | | | | | 3.3 | 7.3 |
| ENE | .3 | .9 | .2 | | | | | | | | | 1.4 | 5.2 |
| E | .2 | 1.6 | 1.3 | | | | | | | | | 3.1 | 6.4 |
| ESE | .6 | 1.3 | 2.4 | .6 | | | | | | | | 4.9 | 7.4 |
| SE | .4 | 2.4 | 3.3 | 1.2 | | | | | | | | 7.4 | 7.8 |
| SSE | .9 | 2.7 | 2.9 | 1.2 | | | | | | | | 7.7 | 7.4 |
| S | 1.4 | 3.7 | 4.9 | 1.3 | | | | | | | | 11.3 | 7.2 |
| SSW | .9 | .7 | .8 | | .1 | | | | | | | 2.4 | 5.5 |
| SW | .3 | .6 | .7 | .7 | | | | | | | | 2.2 | 5.7 |
| WSW | .2 | 1.2 | 1.2 | .3 | | | | | | | | 3.0 | 7.1 |
| W | .7 | 1.7 | 1.9 | .7 | .1 | | | | | | | 5.0 | 7.4 |
| WNW | .7 | 1.8 | 2.1 | 1.8 | .8 | .2 | .1 | .1 | | | | 7.6 | 10.4 |
| NW | .9 | 1.1 | 1.8 | 3.0 | 1.4 | .1 | .3 | | | | | 8.7 | 11.9 |
| NNW | .2 | 1.1 | 2.2 | 3.4 | 1.3 | .7 | | | | | | 9.7 | 12.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.2 | |
| | 9.9 | 24.8 | 32.3 | 19.1 | 5.1 | 1.0 | .4 | .1 | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

67-78

YEARS

NOV

MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .3 | 1.7 | 4.2 | 4.5 | .6 | .1 | | | | | | 11.7 | 10.6 |
| NNE | .1 | 1.4 | 1.4 | .7 | .2 | .2 | | | | | | 4.2 | 10.1 |
| NE | .7 | 1.3 | 1.2 | .1 | | | | | | | | 3.3 | 6.0 |
| ENE | .1 | .6 | .4 | .1 | | | | | | | | 1.2 | 6.5 |
| E | .2 | 1.1 | .7 | .1 | | | | | | | | 2.4 | 5.7 |
| ESE | .3 | 1.2 | 2.0 | .3 | | | | | | | | 3.9 | 7.4 |
| SE | .6 | 1.7 | 2.8 | 1.6 | .1 | | | | | | | 6.7 | 8.7 |
| SSE | .4 | 1.3 | 3.1 | 1.2 | .1 | | | | | | | 5.9 | 8.8 |
| S | 1.2 | 2.3 | 5.0 | 2.6 | .1 | | | | | | | 11.2 | 8.4 |
| SSW | .3 | 1.2 | 1.7 | .2 | | | | | | | | 4.1 | 8.0 |
| SW | .4 | 1.1 | 1.0 | .4 | .2 | | | | | | | 3.2 | 7.8 |
| WSW | .4 | 1.0 | 1.1 | .6 | .1 | | | | | | | 3.8 | 7.4 |
| W | 1.2 | 1.6 | 1.7 | 1.3 | .3 | | | | | | | 6.3 | 7.7 |
| WNW | .2 | 1.2 | 1.6 | 2.1 | 1.2 | | | | | | | 6.7 | 11.4 |
| NW | .2 | 1.1 | 3.0 | 3.4 | 1.8 | 1.1 | .2 | | | | | 10.9 | 13.5 |
| NNW | .1 | .8 | 1.8 | 5.0 | 1.0 | .1 | .2 | | | | | 10.3 | 13.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 7.3 | 21.4 | 32.7 | 26.8 | 6.3 | 1.7 | .4 | | | | | 100.0 | 9.5 |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE
STATION NAME

59-78
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | 2.4 | 4.3 | 4.6 | 1.1 | | | | | | | 13.7 | 10.4 |
| NNE | .3 | 1.2 | 1.6 | 1.5 | .4 | | | | | | | 4.0 | 9.5 |
| NE | .3 | 1.2 | 1.5 | .1 | | | | | | | | 3.0 | 6.6 |
| ENE | .4 | .8 | .4 | .1 | | | | | | | | 1.6 | 5.1 |
| E | .7 | 1.2 | .6 | .1 | | | | | | | | 2.6 | 5.7 |
| ESE | .5 | 1.6 | 1.0 | .5 | | | | | | | | 4.6 | 6.8 |
| SE | .3 | 1.3 | 2.4 | 1.7 | | | | | | | | 6.0 | 9.0 |
| SSE | .7 | 1.7 | 3.7 | 1.7 | | | | | | | | 7.7 | 8.2 |
| S | .6 | 2.9 | 4.0 | 1.7 | .3 | | | | | | | 7.7 | 8.2 |
| SSW | 1.0 | .7 | 2.2 | .2 | | | | | | | | 4.1 | 6.5 |
| SW | .7 | 1.9 | 1.4 | .2 | | | | | | | | 4.7 | 5.9 |
| WSW | .7 | 1.0 | .9 | .2 | .1 | | | | | | | 2.9 | 6.5 |
| W | .5 | 1.1 | 1.1 | .7 | .1 | | | | | | | 3.6 | 7.7 |
| WNW | .3 | 1.2 | 1.8 | 2.3 | .8 | .3 | | | | | | 6.8 | 11.1 |
| NW | .4 | 1.1 | 3.3 | 3.2 | .9 | .3 | .1 | | | | | 9.4 | 11.6 |
| NNW | .4 | 1.0 | 2.3 | 4.4 | 2.1 | .4 | .3 | | | | | 11.1 | 13.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.3 | |
| | 9.0 | 22.3 | 32.8 | 23.1 | 5.9 | 1.1 | .4 | | | | | 100.0 | 8.7 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

67-78

YEARS

NDV

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 2.1 | 3.1 | 3.1 | .0 | | .1 | | | | | 10.3 | 9.9 |
| NNE | .7 | 1.3 | 1.9 | 1.0 | | | | | | | | 4.9 | 7.7 |
| NE | .4 | 1.4 | .7 | | | | | | | | | 2.6 | 5.6 |
| ENE | .1 | 1.0 | | | | | | | | | | 1.1 | 4.7 |
| E | .7 | 1.9 | 1.1 | .2 | | | | | | | | 4.1 | 5.6 |
| ESE | 1.0 | 2.7 | 1.0 | .4 | | | | | | | | 5.1 | 5.5 |
| SE | 1.0 | 1.6 | 1.7 | 1.1 | | | | | | | | 5.6 | 7.7 |
| SSE | 1.3 | 2.2 | 1.3 | 1.4 | .1 | | | | | | | 6.5 | 7.1 |
| S | 2.7 | 2.3 | 2.1 | .6 | | | | | | | | 7.7 | 5.4 |
| SSW | 1.2 | .4 | .6 | | | | | | | | | 2.2 | 4.4 |
| SW | .6 | .4 | | | | | | | | | | 1.0 | 3.1 |
| WSW | .3 | .4 | .3 | | | | | | | | | 1.1 | 5.2 |
| W | .7 | 1.0 | .3 | .2 | | .1 | | | | | | 2.3 | 6.5 |
| WNW | .6 | 1.2 | 1.3 | .6 | .2 | .1 | | | | | | 4.0 | 8.2 |
| NW | 1.2 | 2.8 | 3.5 | 1.7 | .8 | | | | | | | 9.9 | 8.4 |
| NNW | 1.0 | 1.2 | 4.0 | 2.9 | 1.4 | .2 | .1 | | | | | 10.9 | 10.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.6 | |
| | 14.7 | 24.4 | 23.0 | 13.3 | 3.3 | .4 | .2 | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS

897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

NOV

MONTH

ALL WINDS

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 1.7 | 3.3 | 3.3 | .2 | .3 | .1 | | | | | 6.5 | 10.3 |
| NNE | .4 | 1.3 | 1.3 | .8 | | | | | | | | 4.3 | 7.6 |
| NE | .3 | .4 | 1.1 | .2 | | | | | | | | 2.1 | 6.9 |
| ENE | .2 | .6 | .6 | | | | | | | | | 1.3 | 6.1 |
| E | 1.3 | 1.7 | .4 | | | | | | | | | 3.5 | 4.3 |
| ESE | 1.4 | 2.5 | .2 | .4 | | | | | | | | 5.2 | 5.4 |
| SE | 2.2 | 1.1 | 1.3 | .7 | | | | | | | | 5.4 | 5.7 |
| SSE | 1.2 | 2.1 | 2.0 | .3 | | | | | | | | 6.9 | 7.0 |
| S | 1.4 | 2.5 | 2.1 | .4 | .1 | | | | | | | 6.6 | 6.3 |
| SSW | .0 | .9 | .6 | .2 | | | | | | | | 2.2 | 5.4 |
| SW | .6 | .2 | .2 | .1 | | | | | | | | 1.1 | 5.0 |
| WSW | .4 | .2 | .1 | | | | | | | | | .8 | 4.5 |
| W | .3 | .2 | .7 | .3 | | | | | | | | 2.2 | 7.0 |
| WNW | .3 | 2.8 | 1.2 | .6 | .4 | .1 | | | | | | 5.7 | 8.4 |
| NW | .8 | 3.2 | 3.6 | 1.4 | .6 | .1 | | | | | | 9.7 | 8.1 |
| NNW | .7 | 1.4 | 2.8 | 3.7 | .9 | .2 | .1 | | | | | 9.8 | 10.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.6 | |
| | 12.8 | 23.5 | 23.5 | 13.3 | 2.6 | .0 | .2 | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS

897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DIFFUTT AFB NF
STATION NAME

67-78
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 2.0 | 3.9 | 3.3 | .5 | .1 | .0 | | | | | 10.7 | 9.7 |
| NNE | .4 | 1.2 | 1.0 | .7 | .1 | .0 | | | | | | 4.3 | 8.5 |
| NE | .0 | 1.1 | .7 | .3 | .0 | | | | | | | 2.9 | 6.5 |
| ENE | .7 | .6 | .3 | .1 | | | | | | | | 1.2 | 5.6 |
| E | 1.0 | 1.7 | .9 | .1 | | | | | | | | 3.7 | 5.3 |
| ESE | .9 | 2.0 | 1.5 | .4 | .0 | | | | | | | 4.8 | 6.2 |
| SE | 1.0 | 1.8 | 2.1 | .7 | .0 | | | | | | | 5.8 | 7.1 |
| SSE | 1.1 | 2.0 | 2.5 | 1.0 | .0 | | | | | | | 6.5 | 7.1 |
| S | 1.4 | 2.4 | 2.7 | 1.0 | .1 | | | | | | | 7.6 | 7.0 |
| SSW | .0 | .6 | .4 | .4 | .0 | | | | | | | 2.7 | 6.0 |
| SW | .0 | .8 | .5 | .1 | .0 | | | | | | | 2.0 | 5.5 |
| WSW | .5 | .8 | .6 | .2 | .0 | | | | | | | 2.1 | 6.2 |
| W | .8 | 1.2 | 1.1 | .4 | .1 | .0 | | | | | | 3.6 | 6.7 |
| WNW | .5 | 1.8 | 1.6 | 1.2 | .6 | .2 | .0 | .0 | | | | 5.9 | 9.6 |
| NW | .0 | 2.4 | 3.2 | 2.1 | .9 | .3 | .1 | | | | | 9.9 | 9.9 |
| NNW | .0 | 1.3 | 2.4 | 3.4 | 1.3 | .4 | .1 | | | | | 9.5 | 11.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.0 | |
| | 11.8 | 23.9 | 20.6 | 12.7 | 3.8 | 1.0 | .3 | .0 | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS

7194

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DEPUTT AFB NT

STATION NAME

66-77

YEARS

DEC

MONTH

ALL WEATHER

CLASS

0000-0200

HOURLS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 2.8 | 3.4 | 2.7 | .0 | | | | | | | 10.4 | 8.9 |
| NNE | .4 | .9 | 1.3 | .1 | .1 | | | | | | | 2.8 | 7.2 |
| NE | .8 | .5 | .8 | .2 | | | | | | | | 2.4 | 6.1 |
| ENE | .2 | .6 | .8 | | | | | | | | | 1.6 | 6.1 |
| E | 1.1 | 1.8 | .9 | .2 | | | | | | | | 4.0 | 5.4 |
| ESE | 1.6 | 2.7 | 1.8 | .6 | | | | | | | | 6.8 | 6.0 |
| SE | .9 | 2.5 | 2.2 | .6 | | | | | | | | 6.1 | 6.5 |
| SSE | 1.0 | 2.2 | 2.4 | .5 | | | | | | | | 6.0 | 6.5 |
| S | 1.0 | 2.3 | .9 | | | | | | | | | 4.1 | 5.1 |
| SSW | .2 | .5 | .5 | .1 | | | | | | | | 1.4 | 6.4 |
| SW | .3 | .8 | .1 | .1 | | | | | | | | 1.3 | 5.1 |
| WSW | .1 | .8 | | | | | | | | | | .9 | 4.4 |
| W | .6 | 2.0 | .6 | .1 | .1 | .1 | | | | | | 3.7 | 6.4 |
| WNW | 1.1 | 1.4 | 1.2 | 1.0 | .2 | .2 | | | | | | 5.2 | 9.0 |
| NW | 1.2 | 3.4 | 2.6 | 2.5 | .8 | .2 | | | | | | 10.6 | 8.9 |
| NNW | .6 | 1.1 | 2.5 | 3.5 | 1.2 | .2 | | | | | | 9.2 | 11.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.5 | |
| | 12.0 | 26.2 | 21.8 | 12.5 | 3.0 | .2 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949 DEPUTT AFB NC 00-77 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (LST.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 7.3 | 2.8 | 2.4 | .4 | | | | | | | 9.2 | 9.1 |
| NNE | .3 | .9 | 1.0 | .5 | | | | | | | | 2.7 | 7.6 |
| NE | | .8 | .6 | .2 | | | | | | | | 1.6 | 7.5 |
| ENE | .1 | .4 | .6 | | | | | | | | | 2.0 | 5.3 |
| E | 1.1 | 3.1 | .3 | .2 | | | | | | | | 4.7 | 4.9 |
| ESE | 1.1 | 2.9 | 1.7 | .6 | | | | | | | | 6.3 | 6.1 |
| SE | .8 | 2.3 | 2.0 | .4 | | | | | | | | 6.0 | 6.6 |
| SSE | .5 | 1.5 | 2.0 | .0 | | | | | | | | 4.7 | 7.3 |
| S | 1.0 | 1.1 | .6 | .3 | | | | | | | | 3.0 | 5.4 |
| SSW | .3 | .6 | .4 | | | | | | | | | 1.5 | 5.7 |
| SW | .6 | .4 | .4 | .1 | .1 | | | | | | | 1.7 | 6.0 |
| WSW | .5 | .8 | .5 | | | .1 | | | | | | 1.9 | 5.9 |
| W | 1.1 | 1.2 | 1.2 | | | .2 | | | | | | 3.7 | 6.3 |
| WNW | 1.0 | 1.9 | 1.0 | 1.1 | .4 | .1 | | | | | | 5.5 | 8.4 |
| NW | 1.0 | 2.2 | 2.9 | 3.2 | 1.0 | .3 | | | | | | 10.5 | 10.2 |
| NNW | .5 | 1.2 | 3.2 | 4.4 | .6 | .1 | | | | | | 10.1 | 10.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.6 | |
| | 1.2 | 23.5 | 22.2 | 14.1 | 2.0 | .7 | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

REFUTT AFB NE

STATION NAME

60-77

YEARS

DEC

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 2.0 | 3.2 | 3.4 | .2 | .1 | | | | | | 10.0 | 9.3 |
| NNE | .2 | .6 | .9 | .6 | | | | | | | | 2.5 | 8.9 |
| NE | .5 | .5 | .6 | .5 | | | | | | | | 2.0 | 6.7 |
| ENE | .8 | 1.0 | 1.0 | .2 | | | | | | | | 2.9 | 5.6 |
| E | 1.0 | 1.3 | 1.3 | .6 | | | | | | | | 3.8 | 5.9 |
| ESE | 1.0 | 2.2 | 2.2 | .5 | | | | | | | | 5.6 | 6.4 |
| SE | 1.4 | 2.8 | 3.3 | 1.1 | | | | | | | | 8.6 | 7.0 |
| SSE | .8 | 2.2 | 1.9 | .4 | | | | | | | | 5.3 | 6.5 |
| S | 1.3 | .9 | 1.0 | .2 | | | | | | | | 3.7 | 5.4 |
| SSW | .9 | .5 | .2 | | | | | | | | | 1.6 | 3.5 |
| SW | .3 | .3 | .2 | | | | | | | | | 1.3 | 3.9 |
| WSW | .5 | .9 | .4 | .1 | | | | | | | | 1.9 | 5.4 |
| W | .4 | 1.5 | 1.1 | .2 | .2 | | | | | | | 3.4 | 7.3 |
| WNW | .8 | 1.9 | 1.2 | .6 | .9 | .3 | | | | | | 5.7 | 9.7 |
| NW | .6 | 3.0 | 2.6 | 1.7 | .6 | .6 | | | | | | 9.2 | 9.7 |
| NNW | 1.0 | 1.7 | 3.2 | 3.7 | 1.3 | .3 | | | | | | 11.2 | 10.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.6 | |
| | 12.3 | 23.9 | 24.3 | 13.3 | 3.2 | 1.4 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14940
STATION

DI FULT AFB NE

STATION NAME

66-77

YEARS

DEC

MONTH

ALL WEATHER

CLASS

0900-1100

HOURL (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 53 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 1.7 | 3.9 | 3.4 | .9 | | | | | | | 9.7 | 10.2 |
| NNE | .3 | .5 | 1.1 | .5 | | | | | | | | 2.5 | 8.3 |
| NE | .2 | 1.2 | .9 | .4 | | | | | | | | 2.7 | 6.9 |
| ENE | .5 | 1.1 | 1.1 | .1 | | | | | | | | 2.8 | 5.9 |
| E | .4 | 1.0 | 1.3 | .3 | | | | | | | | 3.3 | 6.4 |
| ESE | .2 | 1.5 | 1.6 | .9 | | | | | | | | 4.2 | 8.0 |
| SE | .6 | 2.2 | 3.0 | 1.9 | .2 | | | | | | | 9.0 | 8.5 |
| SSE | .9 | 1.7 | 2.6 | 1.1 | | | | | | | | 6.2 | 7.6 |
| S | 1.3 | 2.9 | 3.1 | .6 | | | | | | | | 8.0 | 6.6 |
| SSW | .5 | 1.4 | .6 | .3 | | | | | | | | 2.9 | 6.0 |
| SW | .2 | 1.1 | .6 | .1 | | | | | | | | 2.0 | 6.5 |
| WSW | .2 | 1.1 | .6 | .1 | | | | | | | | 2.2 | 6.4 |
| W | .5 | 1.6 | 1.7 | .7 | | .1 | | | | | | 4.8 | 8.2 |
| WNW | .4 | 1.2 | 2.0 | 1.6 | .6 | .4 | .1 | | | | | 6.5 | 10.9 |
| NW | .6 | 1.5 | 2.3 | 2.6 | 1.3 | .3 | | | | | | 8.6 | 11.1 |
| NNW | .3 | 1.0 | 2.6 | 4.1 | 2.4 | .4 | | | | | | 10.8 | 13.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.9 | |
| | 8.0 | 22.6 | 29.1 | 18.8 | 5.2 | 1.1 | .1 | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14945 STATION DEFUTL AFB NE 68-77 YEARS DEC MONTH
ALL WEATHER CLASS 1200-1400 HOURS (LST)
CONDITION

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | | 1.1 | 3.9 | 4.4 | .5 | | | | | | | 9.9 | 10.8 |
| NNE | .2 | .9 | 1.0 | .4 | | | | | | | | 2.5 | 7.3 |
| NE | .2 | 1.5 | 1.0 | .4 | | | | | | | | 3.1 | 6.9 |
| ENE | .3 | 1.7 | .6 | .1 | .1 | | | | | | | 2.9 | 6.0 |
| E | .5 | 1.8 | 1.7 | .5 | | | | | | | | 4.1 | 6.8 |
| ESE | .3 | 1.0 | 1.1 | 1.0 | | | | | | | | 3.3 | 8.1 |
| SE | .5 | 1.9 | 2.3 | 1.0 | .2 | | | | | | | 6.6 | 8.3 |
| SSE | .5 | 1.9 | 3.3 | 1.0 | | | | | | | | 6.8 | 7.8 |
| S | .6 | 2.8 | 4.5 | 2.1 | | | | | | | | 10.0 | 8.3 |
| SSW | .4 | 1.5 | 1.6 | .5 | | | | | | | | 4.3 | 7.2 |
| SW | .3 | 1.0 | 1.4 | .5 | | | | | | | | 3.0 | 7.0 |
| WSW | .0 | 1.4 | 1.5 | .1 | .1 | | | | | | | 3.8 | 6.7 |
| W | .0 | 1.3 | 1.8 | 1.0 | .1 | .1 | .2 | | | | | 5.9 | 10.2 |
| WNW | .3 | .8 | 2.0 | 3.0 | 1.3 | .1 | | | | | | 7.6 | 12.1 |
| NW | .5 | 1.6 | 1.7 | 3.5 | 1.5 | .6 | | | | | | 9.6 | 12.1 |
| NNW | .3 | 1.4 | 2.5 | 3.7 | 2.0 | 1.1 | | | | | | 11.0 | 13.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.7 | |
| | 6.6 | 23.5 | 31.0 | 24.3 | 5.9 | 2.1 | .2 | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 930

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

14949
STATION

DUFUTT AFB NC
STATION NAME

66-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 1.8 | 3.8 | 3.3 | .6 | .3 | | | | | | 10.3 | 10.1 |
| NNE | .2 | 1.0 | 1.2 | .6 | .1 | | | | | | | 3.1 | 8.5 |
| NE | .3 | 1.6 | 1.2 | .1 | | | | | | | | 3.2 | 6.4 |
| ENE | .4 | .6 | .5 | .2 | | | | | | | | 1.8 | 6.1 |
| E | 1.5 | 1.5 | 1.4 | .7 | | | | | | | | 5.2 | 6.3 |
| ESE | .9 | 1.4 | 1.9 | .4 | | | | | | | | 4.6 | 6.8 |
| SE | .4 | 2.3 | 2.7 | 1.2 | | | | | | | | 6.8 | 7.7 |
| SSE | .8 | 2.4 | 3.8 | .6 | | | | | | | | 7.6 | 7.2 |
| S | 1.0 | 2.9 | 3.3 | .3 | .1 | | | | | | | 8.1 | 7.1 |
| SSW | .2 | .6 | 1.2 | .3 | | | | | | | | 2.4 | 7.6 |
| SW | .9 | 1.3 | .9 | .7 | | | | | | | | 3.2 | 5.7 |
| WSW | .6 | .6 | .6 | .4 | | | | | | | | 2.2 | 6.0 |
| W | 1.1 | 1.9 | 1.5 | .6 | .1 | | | | | | | 5.4 | 6.7 |
| WNW | .6 | 1.5 | 2.0 | 2.0 | .6 | .7 | | | | | | 8.3 | 10.9 |
| NW | .8 | 1.1 | 1.9 | 3.7 | 1.2 | .4 | | | | | | 9.0 | 11.9 |
| NNW | .2 | 1.3 | 2.6 | 5.1 | 1.8 | .2 | .1 | | | | | 11.3 | 12.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.5 | |
| | 10.4 | 24.1 | 30.5 | 21.0 | 4.6 | 1.7 | .1 | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14949 DUFFT AFB TX 76-77 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 3.0 | 3.5 | 2.4 | 1.0 | .1 | | | | | | 10.5 | 2.5 |
| NNE | .2 | 1.1 | 1.3 | 1.0 | | | | | | | | 3.5 | 8.2 |
| NE | .0 | 1.3 | 1.2 | .4 | .1 | | | | | | | 3.8 | 6.7 |
| ENE | .0 | 1.2 | 1.1 | | | | | | | | | 2.9 | 5.6 |
| E | 1.9 | 2.3 | 1.0 | .0 | | | | | | | | 5.9 | 5.0 |
| ESE | 1.5 | 2.9 | 1.2 | .5 | | | | | | | | 6.1 | 5.7 |
| SE | 1.1 | 2.9 | 1.0 | 1.1 | | | | | | | | 6.9 | 6.7 |
| SSE | .5 | 2.5 | 1.7 | .2 | | | | | | | | 4.9 | 6.0 |
| S | 1.9 | 1.7 | .8 | .1 | | | | | | | | 4.5 | 4.6 |
| SSW | .4 | .6 | .1 | | | | | | | | | 1.2 | 4.1 |
| SW | .4 | .8 | .2 | | | | | | | | | 1.8 | 3.9 |
| WSW | .4 | .9 | | | | | | | | | | 1.3 | 3.9 |
| W | .7 | 1.0 | .4 | .2 | .3 | .1 | | | | | | 2.7 | 7.4 |
| WNW | .4 | .6 | 1.4 | .0 | .3 | .1 | .2 | | | | | 3.8 | 10.7 |
| NW | .4 | 1.5 | 1.0 | 2.0 | 1.0 | .2 | | | | | | 7.0 | 10.9 |
| NNW | .4 | 1.3 | 3.8 | 3.5 | 1.6 | .1 | | | | | | 10.8 | 11.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.2 | |
| | 13.0 | 25.5 | 21.3 | 12.9 | 4.3 | .6 | .2 | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DI FULT AFB TX

STATION NAME

54-77

YEARS

DEC

MONTH

ALL WEATHER

2100-2300

CLASS

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 2.4 | 4.1 | 3.3 | .3 | .1 | | | | | | 10.8 | 9.6 |
| NNE | .2 | 1.8 | 1.5 | .6 | .1 | | | | | | | 4.3 | 7.7 |
| NE | .6 | .8 | .8 | .5 | | | | | | | | 2.8 | 6.4 |
| NNE | .4 | 1.1 | .6 | .2 | | | | | | | | 2.4 | 5.8 |
| E | 1.5 | 2.2 | 1.3 | .3 | | | | | | | | 5.3 | 5.2 |
| ESE | .4 | 1.5 | 3.2 | .4 | | | | | | | | 5.0 | 7.0 |
| SE | 1.2 | 3.0 | 2.4 | .2 | | | | | | | | 7.4 | 6.4 |
| SSE | 1.3 | 2.4 | 1.9 | .1 | | | | | | | | 5.7 | 5.8 |
| S | 1.2 | 1.8 | 1.1 | .1 | | | | | | | | 4.2 | 5.1 |
| SSW | .0 | .6 | | | | | | | | | | 1.3 | 3.5 |
| SW | .2 | .2 | .1 | | | | | | | | | .5 | 4.2 |
| WSW | .3 | .5 | .1 | | | | | | | | | 1.4 | 3.7 |
| W | .9 | .3 | .3 | .4 | .3 | | | | | | | 2.0 | 8.4 |
| WNW | 1.0 | 1.8 | 1.6 | .6 | .1 | .2 | .3 | | | | | 5.7 | 8.8 |
| NW | .8 | 3.7 | 2.9 | .5 | 1.2 | .2 | | | | | | 9.2 | 8.5 |
| NNW | .1 | 1.0 | 1.1 | 4.0 | 1.0 | .3 | | | | | | 8.3 | 12.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.8 | |
| | 11.7 | 25.1 | 23.0 | 13.0 | 3.0 | .2 | .3 | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIM TOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DIFUTT AF, IN

STATION NAME

58-77

YEARS

DEC

MONTH

ALL WEATHER

CLASS

ALL

HOURLS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 2.2 | 3.0 | 3.2 | .0 | .1 | | | | | | 10.1 | 9.7 |
| NNE | .3 | 1.0 | 1.1 | .0 | .0 | | | | | | | 3.0 | 8.0 |
| NE | .4 | 1.0 | .9 | .5 | .0 | | | | | | | 2.7 | 6.7 |
| ENE | .5 | 1.0 | .8 | .1 | .0 | | | | | | | 2.4 | 5.8 |
| E | 1.2 | 1.9 | 1.1 | .4 | | | | | | | | 4.5 | 5.7 |
| ESE | .9 | 2.0 | 1.8 | .0 | | | | | | | | 5.4 | 6.6 |
| SE | .9 | 2.5 | 2.5 | 1.1 | .1 | | | | | | | 7.0 | 7.2 |
| SSE | .8 | 2.1 | 2.5 | .0 | | | | | | | | 5.9 | 6.9 |
| S | 1.2 | 2.0 | 1.9 | .5 | .0 | | | | | | | 5.6 | 6.4 |
| SSW | .5 | .8 | .8 | .7 | | | | | | | | 2.1 | 6.0 |
| SW | .5 | .7 | .5 | .1 | .0 | | | | | | | 1.9 | 5.6 |
| WSW | .5 | .9 | .5 | .1 | .0 | .5 | | | | | | 1.9 | 5.7 |
| W | .7 | 1.4 | 1.1 | .5 | .1 | .1 | .0 | | | | | 4.0 | 7.7 |
| WNW | .7 | 1.4 | 1.0 | 1.4 | .0 | .3 | .1 | | | | | 6.0 | 10.2 |
| NW | .7 | 2.2 | 2.3 | 2.5 | 1.1 | .4 | | | | | | 9.2 | 10.3 |
| NNW | .5 | 1.2 | 2.7 | 4.1 | 1.5 | .3 | .0 | | | | | 10.3 | 11.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.9 | |
| | 10.7 | 24.3 | 25.5 | 16.3 | 4.0 | 1.2 | .1 | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS

14.0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949 DEFUTT AFL HF 4-78
STATION STATION NAME YEARS
ALL WFTHE
CLASS
CONDITION
ALL MONTH
ALL HOUR (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 2.0 | 3.5 | 2.0 | .4 | .1 | .0 | | | | | 9.5 | 9.3 |
| NNE | .6 | 1.2 | 1.4 | .7 | .1 | .1 | | | | | | 4.0 | 7.7 |
| NE | .7 | 1.3 | 1.1 | .4 | .0 | .0 | | | | | | 3.5 | 6.6 |
| ENE | .6 | 1.1 | .8 | .2 | .0 | .0 | | | | | | 2.7 | 5.9 |
| E | 1.3 | 2.3 | 1.5 | .5 | .0 | .0 | | | | | | 5.5 | 6.0 |
| ESE | 1.0 | 2.2 | 1.7 | .6 | .1 | .0 | .0 | | | | | 6.1 | 6.7 |
| SE | .9 | 2.4 | 2.7 | 1.3 | .1 | .1 | .0 | | | | | 7.5 | 7.7 |
| SSE | 1.0 | 2.1 | 3.0 | 1.7 | .2 | .0 | .0 | | | | | 8.2 | 8.3 |
| S | 1.2 | 2.3 | 3.3 | 2.0 | .2 | .1 | .0 | | | | | 9.1 | 8.3 |
| SSW | .2 | .9 | .9 | .4 | .0 | .0 | | | | | | 2.8 | 7.1 |
| SW | .2 | .7 | .7 | .2 | .1 | .1 | .0 | | | | | 2.3 | 7.1 |
| WSW | .5 | .7 | .6 | .6 | .0 | .1 | | .0 | | | | 2.1 | 6.7 |
| W | .6 | .9 | .8 | .4 | .1 | .0 | .0 | | | | | 2.9 | 7.3 |
| WNW | .5 | 1.1 | 1.1 | .6 | .3 | .1 | .0 | .0 | | | | 3.9 | 8.8 |
| NW | .7 | 2.0 | 2.1 | 1.7 | .2 | .2 | .0 | .0 | | | | 7.2 | 9.4 |
| NNW | .2 | 1.2 | 1.9 | 2.2 | .6 | .2 | .0 | .0 | | | | 7.0 | 11.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.7 | |
| | 11.8 | 24.6 | 27.0 | 16.8 | 3.1 | .1 | .1 | .0 | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 87639

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14949
STATION

DEPUTT AFB NE

STATION NAME

60-78

YEARS

ALL

MONTH

ALL

HOURS (L.S.T.)

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI & CIG 200 FT OR MORE

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 3.3 | 0.3 | 0.0 | 1.1 | .3 | .1 | | | | | 18.5 | 10.1 |
| NNE | .7 | 2.0 | 2.7 | 2.1 | .3 | .1 | | | | | | 7.0 | 9.0 |
| NE | .9 | 2.0 | 2.1 | 1.1 | .1 | .0 | | | | | | 6.1 | 7.0 |
| ENE | .0 | 1.9 | 1.3 | .4 | .0 | .1 | | | | | | 4.5 | 6.2 |
| E | 1.2 | 2.0 | 2.9 | .4 | .1 | | | | | | | 7.7 | 6.9 |
| ESE | .0 | 1.0 | 2.5 | 1.4 | .2 | .2 | | | | | | 6.5 | 8.0 |
| SE | .0 | 2.1 | 2.5 | 1.2 | .2 | .1 | | | | | | 6.8 | 8.0 |
| SSE | .5 | 1.8 | 2.3 | 1.0 | .1 | .2 | | | | | | 5.6 | 7.7 |
| S | .9 | 1.8 | 1.4 | .4 | .0 | | | | | | | 5.1 | 6.6 |
| SSW | .4 | .0 | .4 | .1 | .0 | | | | | | | 1.5 | 5.6 |
| SW | .4 | .4 | .2 | .0 | | | | | | | | 1.0 | 5.1 |
| WSW | .3 | .4 | .2 | .0 | .0 | .4 | | | | | | 1.0 | 5.3 |
| W | .3 | .2 | .4 | .2 | .1 | .1 | .0 | | | | | 1.5 | 8.0 |
| WNW | .4 | .6 | .8 | .4 | .1 | .2 | .1 | .0 | | | | 2.5 | 9.9 |
| NW | .0 | 1.2 | 1.3 | 1.2 | .4 | .3 | .1 | .0 | | | | 5.0 | 10.3 |
| NNW | .2 | 1.1 | 2.3 | 3.0 | 1.0 | .3 | .1 | | | | | 8.4 | 11.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.4 | |
| | 10.5 | 23.9 | 30.0 | 19.4 | 3.7 | 1.3 | .3 | .0 | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS

9706

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, Visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|----------|----------|----------|----------|---------------------|----------|---------------------|---------------------|----------|--------------------|--------------------|--------------------|--------------------|---------------------|----------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | $\geq 2\frac{1}{2}$ | ≥ 2 | $\geq 1\frac{1}{2}$ | $\geq 1\frac{1}{4}$ | ≥ 1 | $\geq \frac{3}{4}$ | $\geq \frac{1}{2}$ | $\geq \frac{1}{4}$ | $\geq \frac{1}{8}$ | $\geq \frac{1}{16}$ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | | | | | |
| 1500 | | | | | 91.0 | | | | | | | | | | | 92.6 |
| 1200 | | | | | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | | | | | |
| 500 | | | | | | | | | | 97.4 | | | | | | 98.1 |
| 400 | | | | | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | | | | | |
| 100 | | | | | 95.4 | | 96.9 | | | 98.3 | | | | | | 100.0 |
| 0 | | | | | | | | | | | | | | | | |

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 99.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14940
STATION

OFFUTT AFB NE
STATION NAME

9-78
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

| CEILING, FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|-------|------|-------|------|-------|------|-------|-------|------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .15 | ≥ .1 | ≥ .05 | ≥ 0 |
| NO CEILING | 49.4 | 54.7 | 55.6 | 56.5 | 57.0 | 57.4 | 57.5 | 57.7 | 57.8 | 58.0 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| ≥ 20000 | 50.8 | 56.5 | 57.3 | 58.4 | 59.1 | 59.7 | 59.8 | 60.0 | 60.1 | 60.2 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 18000 | 51.0 | 56.8 | 57.6 | 58.7 | 59.5 | 60.0 | 60.1 | 60.3 | 60.4 | 60.5 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 16000 | 51.4 | 57.2 | 58.1 | 59.1 | 59.9 | 60.4 | 60.5 | 60.8 | 60.9 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 14000 | 52.0 | 58.0 | 58.9 | 60.0 | 60.8 | 61.3 | 61.4 | 61.6 | 61.7 | 61.8 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 12000 | 53.1 | 59.6 | 60.5 | 61.6 | 62.4 | 62.9 | 63.0 | 63.2 | 63.3 | 63.4 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 10000 | 56.0 | 62.7 | 63.9 | 64.9 | 65.7 | 66.2 | 66.3 | 66.6 | 66.7 | 66.8 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 9000 | 56.6 | 63.3 | 64.5 | 65.7 | 66.5 | 67.0 | 67.1 | 67.3 | 67.4 | 67.5 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 8000 | 57.3 | 64.3 | 65.5 | 66.7 | 67.4 | 68.0 | 68.1 | 68.3 | 68.4 | 68.5 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 7000 | 58.8 | 65.8 | 67.0 | 68.2 | 69.0 | 69.6 | 69.7 | 69.9 | 70.0 | 70.1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 6000 | 59.6 | 66.6 | 67.7 | 69.1 | 70.0 | 70.5 | 70.6 | 70.9 | 71.0 | 71.1 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 5000 | 60.4 | 67.6 | 68.8 | 70.2 | 71.1 | 71.6 | 71.7 | 72.2 | 72.3 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 4500 | 60.4 | 67.7 | 68.9 | 70.3 | 71.2 | 71.8 | 71.9 | 72.4 | 72.5 | 72.6 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 4000 | 61.2 | 68.8 | 70.1 | 71.5 | 72.4 | 73.0 | 73.1 | 73.5 | 73.7 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 3500 | 62.3 | 70.1 | 71.4 | 73.0 | 74.0 | 74.6 | 74.7 | 75.2 | 75.3 | 75.5 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 3000 | 63.3 | 71.5 | 72.9 | 74.7 | 75.7 | 76.3 | 76.5 | 76.9 | 77.0 | 77.2 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 2500 | 64.1 | 72.3 | 73.8 | 75.6 | 76.7 | 77.3 | 77.5 | 78.0 | 78.1 | 78.3 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 2000 | 62.9 | 74.8 | 76.5 | 78.4 | 79.6 | 80.2 | 80.4 | 81.0 | 81.1 | 81.3 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 1800 | 66.0 | 75.2 | 76.8 | 78.8 | 80.0 | 80.6 | 80.9 | 81.4 | 81.5 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 1500 | 67.2 | 76.7 | 78.3 | 80.4 | 81.6 | 82.3 | 82.5 | 83.2 | 83.4 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 1200 | 68.2 | 79.1 | 81.0 | 83.2 | 84.9 | 85.8 | 86.0 | 86.9 | 87.2 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 1000 | 68.8 | 80.4 | 82.3 | 84.6 | 86.5 | 87.4 | 87.6 | 88.6 | 88.9 | 89.2 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 900 | 68.8 | 80.4 | 82.5 | 84.9 | 86.9 | 87.8 | 88.2 | 89.2 | 89.6 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 800 | 69.0 | 81.4 | 83.4 | 86.0 | 88.3 | 89.2 | 89.6 | 90.6 | 91.0 | 91.4 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 700 | 69.0 | 81.4 | 83.7 | 86.2 | 88.8 | 89.9 | 90.4 | 91.6 | 92.0 | 92.6 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 600 | 69.2 | 81.7 | 84.0 | 86.8 | 89.6 | 90.9 | 91.5 | 92.8 | 93.2 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 500 | 69.2 | 81.8 | 84.1 | 87.1 | 90.0 | 91.4 | 92.2 | 93.8 | 94.4 | 95.4 | 95.9 | 95.9 | 96.0 | 96.1 | 96.1 | 96.1 |
| ≥ 400 | 69.2 | 81.8 | 84.1 | 87.1 | 90.1 | 91.8 | 92.7 | 94.4 | 95.6 | 96.6 | 97.1 | 97.1 | 97.2 | 97.3 | 97.6 | 97.6 |
| ≥ 300 | 69.2 | 81.8 | 84.1 | 87.1 | 90.1 | 91.8 | 92.7 | 94.5 | 96.2 | 97.3 | 97.8 | 97.8 | 98.1 | 98.2 | 98.6 | 98.6 |
| ≥ 200 | 69.2 | 81.8 | 84.1 | 87.1 | 90.1 | 91.8 | 92.7 | 94.7 | 96.5 | 97.7 | 98.3 | 98.3 | 98.7 | 98.9 | 99.4 | 99.4 |
| ≥ 100 | 69.2 | 81.8 | 84.1 | 87.1 | 90.1 | 91.8 | 92.7 | 94.7 | 96.5 | 97.7 | 98.3 | 98.3 | 98.8 | 99.4 | 99.9 | 99.9 |
| ≥ 0 | 69.2 | 81.8 | 84.1 | 87.1 | 90.1 | 91.8 | 92.7 | 94.7 | 96.5 | 97.7 | 98.3 | 98.3 | 98.8 | 99.4 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

19-74
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING ≥ 20000 | 45.5 | 50.2 | 51.7 | 52.9 | 53.5 | 53.9 | 54.1 | 54.4 | 54.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| ≥ 18000 | 47.0 | 51.7 | 53.2 | 54.6 | 55.3 | 55.6 | 55.8 | 56.1 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| ≥ 16000 | 47.1 | 51.9 | 53.4 | 54.9 | 55.6 | 55.9 | 56.1 | 56.5 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 | 56.9 | 56.9 | 57.0 |
| ≥ 14000 | 47.2 | 52.3 | 53.8 | 55.3 | 56.0 | 56.3 | 56.6 | 56.9 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.3 | 57.3 | 57.4 |
| ≥ 12000 | 47.6 | 52.7 | 54.3 | 55.8 | 56.6 | 56.9 | 57.1 | 57.4 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.8 | 57.8 | 58.0 |
| ≥ 10000 | 49.1 | 54.5 | 56.2 | 57.7 | 58.5 | 58.8 | 59.0 | 59.4 | 59.5 | 59.5 | 59.6 | 59.6 | 59.6 | 59.8 | 59.8 | 59.9 |
| ≥ 9000 | 52.6 | 58.3 | 60.0 | 61.5 | 62.3 | 62.6 | 62.8 | 63.1 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.5 | 63.5 | 63.7 |
| ≥ 8000 | 53.1 | 59.1 | 60.9 | 62.4 | 63.1 | 63.4 | 63.7 | 64.0 | 64.1 | 64.1 | 64.2 | 64.2 | 64.2 | 64.4 | 64.4 | 64.5 |
| ≥ 7000 | 54.7 | 61.2 | 63.1 | 64.7 | 65.5 | 65.8 | 66.0 | 66.3 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.8 | 66.8 | 66.9 |
| ≥ 6000 | 55.8 | 62.6 | 64.5 | 66.1 | 66.9 | 67.2 | 67.6 | 68.0 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.4 | 68.4 | 68.5 |
| ≥ 5000 | 57.2 | 64.2 | 66.1 | 67.8 | 68.6 | 68.9 | 69.4 | 69.7 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 70.1 | 70.1 | 70.2 |
| ≥ 4500 | 58.3 | 65.7 | 67.7 | 69.5 | 70.2 | 70.5 | 71.0 | 71.3 | 71.4 | 71.4 | 71.5 | 71.5 | 71.5 | 71.7 | 71.7 | 71.8 |
| ≥ 4000 | 58.8 | 66.6 | 68.6 | 70.3 | 71.1 | 71.4 | 71.8 | 72.2 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.6 | 72.6 | 72.7 |
| ≥ 3500 | 59.8 | 68.0 | 70.0 | 71.7 | 72.5 | 72.8 | 73.2 | 73.5 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 74.0 | 74.0 | 74.1 |
| ≥ 3000 | 60.1 | 68.5 | 70.5 | 72.4 | 73.1 | 73.7 | 74.1 | 74.4 | 74.5 | 74.5 | 74.7 | 74.7 | 74.7 | 74.9 | 74.9 | 75.1 |
| ≥ 2500 | 60.6 | 69.2 | 71.3 | 73.2 | 74.0 | 74.5 | 74.9 | 75.4 | 75.5 | 75.5 | 75.7 | 75.7 | 75.7 | 75.9 | 75.9 | 76.0 |
| ≥ 2000 | 61.7 | 70.4 | 72.6 | 74.6 | 75.4 | 76.0 | 76.5 | 77.0 | 77.1 | 77.1 | 77.3 | 77.3 | 77.3 | 77.5 | 77.5 | 77.6 |
| ≥ 1800 | 64.1 | 74.1 | 76.3 | 78.6 | 79.4 | 80.0 | 80.4 | 81.0 | 81.2 | 81.3 | 81.5 | 81.5 | 81.5 | 81.7 | 81.7 | 81.8 |
| ≥ 1600 | 64.6 | 75.1 | 77.3 | 79.7 | 80.4 | 81.1 | 81.5 | 82.0 | 82.3 | 82.4 | 82.6 | 82.6 | 82.6 | 82.8 | 82.8 | 82.9 |
| ≥ 1400 | 65.1 | 76.0 | 78.5 | 81.3 | 82.1 | 83.1 | 83.5 | 84.1 | 84.3 | 84.4 | 84.6 | 84.6 | 84.6 | 84.8 | 84.8 | 84.9 |
| ≥ 1200 | 65.8 | 77.1 | 79.8 | 82.8 | 84.0 | 84.8 | 85.4 | 85.9 | 86.1 | 86.2 | 86.5 | 86.5 | 86.5 | 86.7 | 86.7 | 86.8 |
| ≥ 1000 | 66.3 | 78.0 | 80.8 | 83.8 | 84.9 | 85.8 | 86.5 | 87.0 | 87.2 | 87.5 | 87.7 | 87.7 | 87.7 | 88.0 | 88.0 | 88.1 |
| ≥ 900 | 66.5 | 78.6 | 81.7 | 84.7 | 86.0 | 86.9 | 87.5 | 88.3 | 88.5 | 89.0 | 89.5 | 89.5 | 89.5 | 89.7 | 89.7 | 89.8 |
| ≥ 800 | 66.7 | 79.0 | 82.3 | 85.4 | 87.0 | 88.1 | 88.7 | 89.7 | 90.0 | 90.5 | 91.0 | 91.0 | 91.0 | 91.2 | 91.2 | 91.3 |
| ≥ 700 | 66.8 | 79.6 | 82.9 | 86.3 | 88.3 | 89.5 | 90.2 | 91.2 | 91.6 | 92.2 | 92.6 | 92.7 | 92.7 | 92.9 | 93.0 | 93.2 |
| ≥ 600 | 66.8 | 79.7 | 83.1 | 86.6 | 88.7 | 90.0 | 91.2 | 92.3 | 92.7 | 93.2 | 93.8 | 93.9 | 93.9 | 94.2 | 94.3 | 94.5 |
| ≥ 500 | 66.8 | 79.7 | 83.1 | 86.7 | 89.0 | 90.6 | 91.7 | 93.0 | 93.5 | 94.4 | 94.9 | 95.1 | 95.1 | 95.4 | 95.5 | 95.7 |
| ≥ 400 | 66.8 | 79.7 | 83.1 | 86.7 | 89.0 | 90.6 | 91.7 | 93.0 | 93.5 | 94.4 | 94.9 | 95.1 | 95.1 | 95.4 | 95.5 | 95.7 |
| ≥ 300 | 66.8 | 79.7 | 83.1 | 86.7 | 89.0 | 90.6 | 91.7 | 93.0 | 93.5 | 94.4 | 94.9 | 95.1 | 95.1 | 95.4 | 95.5 | 95.7 |
| ≥ 200 | 66.8 | 79.7 | 83.1 | 86.8 | 89.2 | 91.0 | 92.8 | 94.8 | 95.6 | 96.5 | 97.2 | 97.3 | 97.3 | 98.0 | 98.2 | 98.5 |
| ≥ 100 | 66.8 | 79.7 | 83.1 | 86.8 | 89.2 | 91.0 | 92.8 | 94.8 | 95.6 | 96.5 | 97.2 | 97.3 | 97.3 | 98.0 | 98.3 | 99.1 |
| ≥ 0 | 66.8 | 79.7 | 83.1 | 86.8 | 89.2 | 91.0 | 92.8 | 94.8 | 95.6 | 96.5 | 97.2 | 97.3 | 97.3 | 98.0 | 98.3 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS 940

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE

STATION NAME

9-78

YEAR

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

| CEILING FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 46.5 | 51.0 | 52.3 | 52.7 | 53.2 | 53.3 | 53.7 | 53.8 | 53.9 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.6 |
| ≥ 2000 | 48.2 | 53.1 | 54.4 | 55.1 | 55.7 | 55.8 | 56.1 | 56.2 | 56.3 | 56.8 | 56.8 | 56.8 | 56.9 | 56.9 | 56.9 | 57.1 |
| ≥ 1800 | 48.4 | 53.3 | 54.6 | 55.3 | 55.9 | 56.0 | 56.3 | 56.5 | 56.6 | 57.0 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.3 |
| ≥ 1600 | 48.7 | 53.9 | 55.2 | 55.8 | 56.5 | 56.6 | 56.9 | 57.0 | 57.1 | 57.5 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.8 |
| ≥ 1400 | 49.1 | 54.6 | 56.0 | 56.7 | 57.3 | 57.4 | 57.7 | 57.8 | 58.0 | 58.4 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.7 |
| ≥ 1200 | 50.0 | 55.6 | 57.0 | 57.6 | 58.3 | 58.4 | 58.7 | 58.8 | 58.9 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.7 |
| ≥ 1000 | 51.9 | 57.7 | 59.1 | 59.8 | 60.4 | 60.5 | 60.9 | 61.0 | 61.1 | 61.5 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.8 |
| ≥ 900 | 52.5 | 58.4 | 59.8 | 60.4 | 61.1 | 61.2 | 61.5 | 61.6 | 61.7 | 62.2 | 62.2 | 62.2 | 62.3 | 62.3 | 62.3 | 62.5 |
| ≥ 800 | 54.4 | 60.6 | 62.0 | 62.7 | 63.3 | 63.4 | 63.8 | 63.9 | 64.0 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.7 |
| ≥ 700 | 56.1 | 62.9 | 64.3 | 64.9 | 65.6 | 65.8 | 66.2 | 66.3 | 66.6 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.3 |
| ≥ 600 | 58.2 | 65.1 | 66.5 | 67.1 | 67.7 | 68.0 | 68.4 | 68.5 | 68.7 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.5 |
| ≥ 500 | 59.1 | 66.3 | 67.8 | 68.6 | 69.2 | 69.5 | 69.9 | 70.0 | 70.2 | 70.6 | 70.6 | 70.6 | 70.8 | 70.8 | 70.8 | 71.0 |
| ≥ 450 | 59.6 | 66.8 | 68.3 | 69.0 | 69.7 | 69.9 | 70.3 | 70.4 | 70.6 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.4 |
| ≥ 400 | 61.3 | 68.9 | 70.4 | 71.2 | 72.0 | 72.4 | 72.8 | 72.9 | 73.1 | 73.5 | 73.5 | 73.5 | 73.7 | 73.7 | 73.7 | 73.9 |
| ≥ 350 | 61.9 | 69.9 | 71.5 | 72.4 | 73.4 | 73.8 | 74.2 | 74.3 | 74.5 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 | 75.1 | 75.3 |
| ≥ 300 | 62.0 | 71.4 | 73.0 | 73.9 | 75.1 | 75.6 | 76.0 | 76.1 | 76.3 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 77.1 |
| ≥ 250 | 64.1 | 72.8 | 74.5 | 75.5 | 76.8 | 77.3 | 77.8 | 78.0 | 78.2 | 78.6 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 79.0 |
| ≥ 200 | 62.9 | 75.1 | 77.0 | 78.1 | 79.6 | 80.1 | 80.6 | 81.0 | 81.4 | 81.8 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.3 |
| ≥ 1800 | 65.9 | 75.7 | 77.6 | 78.7 | 80.2 | 80.8 | 81.4 | 81.7 | 82.2 | 82.6 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 83.0 |
| ≥ 1500 | 66.1 | 76.6 | 78.7 | 80.2 | 81.7 | 82.3 | 82.9 | 83.2 | 83.8 | 84.3 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.8 |
| ≥ 1200 | 65.3 | 77.1 | 79.4 | 81.1 | 82.8 | 83.3 | 84.0 | 84.3 | 85.2 | 85.8 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.3 |
| ≥ 1000 | 66.9 | 78.2 | 80.5 | 82.5 | 84.3 | 84.9 | 85.8 | 86.1 | 87.0 | 87.6 | 88.0 | 88.1 | 88.2 | 88.2 | 88.2 | 88.4 |
| ≥ 900 | 66.9 | 78.2 | 80.6 | 82.7 | 84.6 | 85.3 | 86.2 | 86.6 | 87.4 | 88.1 | 88.4 | 88.6 | 88.7 | 88.7 | 88.7 | 88.9 |
| ≥ 800 | 67.0 | 78.5 | 81.2 | 83.4 | 85.7 | 86.5 | 87.4 | 88.2 | 89.4 | 90.2 | 90.5 | 90.8 | 90.9 | 90.9 | 90.9 | 91.1 |
| ≥ 700 | 67.2 | 78.9 | 81.7 | 84.1 | 86.5 | 87.3 | 88.6 | 89.4 | 90.6 | 91.7 | 92.4 | 92.6 | 92.7 | 92.8 | 92.8 | 93.0 |
| ≥ 600 | 67.3 | 79.0 | 81.8 | 84.2 | 86.9 | 87.7 | 89.0 | 89.9 | 91.2 | 92.4 | 93.2 | 93.4 | 93.5 | 93.7 | 93.7 | 93.9 |
| ≥ 500 | 67.3 | 79.1 | 81.9 | 84.5 | 87.3 | 88.2 | 89.8 | 90.8 | 92.0 | 93.4 | 94.4 | 94.6 | 94.9 | 95.2 | 95.2 | 95.4 |
| ≥ 400 | 67.3 | 79.1 | 81.9 | 84.6 | 87.5 | 88.6 | 90.4 | 91.5 | 92.9 | 94.5 | 95.6 | 95.8 | 96.3 | 96.7 | 96.9 | 97.3 |
| ≥ 300 | 67.3 | 79.1 | 81.9 | 84.6 | 87.5 | 88.7 | 90.6 | 91.9 | 93.3 | 95.2 | 96.5 | 96.7 | 97.2 | 97.5 | 97.7 | 98.2 |
| ≥ 200 | 67.3 | 79.1 | 81.9 | 84.6 | 87.5 | 88.7 | 91.0 | 92.5 | 94.0 | 96.1 | 97.6 | 97.8 | 98.5 | 98.8 | 99.1 | 99.7 |
| ≥ 100 | 67.3 | 79.1 | 81.9 | 84.6 | 87.5 | 88.7 | 91.0 | 92.5 | 94.0 | 96.1 | 97.6 | 97.8 | 98.5 | 98.8 | 99.2 | 99.9 |
| ≥ 0 | 67.3 | 79.1 | 81.9 | 84.6 | 87.5 | 88.7 | 91.0 | 92.5 | 94.0 | 96.1 | 97.6 | 97.8 | 98.5 | 98.8 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

69-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .01 | ≥ 0 |
| NO CEILING ≥ 20000 | 43.7 | 48.7 | 49.4 | 49.6 | 50.4 | 50.5 | 50.9 | 51.1 | 51.1 | 51.7 | 51.7 | 51.7 | 51.8 | 51.8 | 51.8 | 52.0 |
| ≥ 18000 | 46.9 | 51.6 | 52.8 | 53.0 | 54.0 | 54.2 | 54.5 | 54.7 | 54.7 | 55.4 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.7 |
| ≥ 16000 | 47.3 | 52.0 | 53.2 | 53.4 | 54.4 | 54.6 | 54.9 | 55.2 | 55.2 | 55.8 | 55.8 | 55.8 | 55.9 | 55.9 | 55.9 | 56.1 |
| ≥ 14000 | 47.3 | 52.2 | 53.3 | 53.5 | 54.5 | 54.7 | 55.1 | 55.3 | 55.3 | 55.9 | 55.9 | 55.9 | 56.0 | 56.0 | 56.0 | 56.2 |
| ≥ 12000 | 48.1 | 53.2 | 54.4 | 54.6 | 55.6 | 55.8 | 56.1 | 56.3 | 56.3 | 57.0 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.3 |
| ≥ 10000 | 49.4 | 55.1 | 56.2 | 56.6 | 57.5 | 57.7 | 58.2 | 58.4 | 58.4 | 59.0 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.4 |
| ≥ 8000 | 51.7 | 57.7 | 58.9 | 59.2 | 60.2 | 60.4 | 60.9 | 61.1 | 61.1 | 61.7 | 61.7 | 61.7 | 61.8 | 61.8 | 61.8 | 62.0 |
| ≥ 7000 | 52.2 | 58.6 | 59.8 | 60.1 | 61.1 | 61.3 | 61.7 | 61.9 | 61.9 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.9 |
| ≥ 6000 | 54.9 | 61.8 | 63.0 | 63.3 | 64.3 | 64.5 | 64.9 | 65.2 | 65.2 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 66.1 |
| ≥ 5000 | 58.5 | 63.4 | 64.6 | 64.9 | 66.1 | 66.3 | 66.9 | 67.1 | 67.1 | 67.7 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 68.1 |
| ≥ 4500 | 58.6 | 65.9 | 67.1 | 67.4 | 68.7 | 68.9 | 69.5 | 69.7 | 69.7 | 70.3 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.6 |
| ≥ 4000 | 60.3 | 68.0 | 69.6 | 69.9 | 71.3 | 71.5 | 72.0 | 72.4 | 72.5 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.4 |
| ≥ 3500 | 60.9 | 68.5 | 70.1 | 70.4 | 71.8 | 72.0 | 72.6 | 72.9 | 73.0 | 73.7 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 74.0 |
| ≥ 3000 | 62.4 | 70.9 | 72.6 | 72.9 | 74.4 | 74.7 | 75.5 | 75.8 | 75.9 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.9 |
| ≥ 2500 | 63.0 | 71.7 | 73.4 | 73.8 | 75.3 | 75.6 | 76.5 | 76.8 | 76.9 | 77.5 | 77.5 | 77.5 | 77.6 | 77.6 | 77.6 | 77.8 |
| ≥ 2000 | 63.4 | 72.5 | 74.2 | 74.5 | 76.1 | 76.5 | 77.4 | 78.0 | 78.1 | 78.7 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 79.0 |
| ≥ 1800 | 64.2 | 73.5 | 75.3 | 75.7 | 77.3 | 77.7 | 78.6 | 79.5 | 79.6 | 80.3 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.6 |
| ≥ 1500 | 66.6 | 76.3 | 78.2 | 78.8 | 80.5 | 81.0 | 82.4 | 83.1 | 83.3 | 84.3 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.7 |
| ≥ 1000 | 66.8 | 76.9 | 78.8 | 79.5 | 81.2 | 81.6 | 83.0 | 83.8 | 84.0 | 84.9 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.4 |
| ≥ 800 | 67.5 | 78.1 | 80.2 | 81.0 | 83.1 | 83.5 | 84.9 | 86.1 | 86.3 | 87.3 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.8 |
| ≥ 600 | 67.8 | 78.9 | 81.2 | 82.2 | 84.4 | 84.8 | 86.2 | 87.4 | 87.6 | 88.6 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 89.1 |
| ≥ 400 | 68.4 | 79.7 | 82.0 | 83.7 | 85.5 | 85.9 | 87.4 | 88.6 | 88.8 | 89.8 | 90.1 | 90.1 | 90.4 | 90.4 | 90.4 | 90.6 |
| ≥ 300 | 68.4 | 79.8 | 82.3 | 83.5 | 85.8 | 86.2 | 87.8 | 89.2 | 89.5 | 90.4 | 90.8 | 91.0 | 91.4 | 91.4 | 91.4 | 91.6 |
| ≥ 200 | 68.4 | 80.8 | 83.2 | 84.5 | 86.9 | 87.4 | 89.6 | 91.2 | 91.4 | 92.6 | 93.0 | 93.2 | 93.7 | 93.7 | 93.7 | 93.9 |
| ≥ 100 | 68.4 | 80.9 | 83.3 | 84.7 | 87.2 | 87.8 | 90.1 | 92.0 | 92.3 | 93.8 | 94.2 | 94.4 | 94.8 | 95.1 | 95.2 | 95.4 |
| ≥ 50 | 68.4 | 80.9 | 83.3 | 84.7 | 87.2 | 87.8 | 90.1 | 92.2 | 92.7 | 94.2 | 94.6 | 94.8 | 95.4 | 95.6 | 95.9 | 96.1 |
| ≥ 20 | 68.4 | 80.9 | 83.3 | 84.9 | 87.5 | 88.2 | 90.5 | 92.6 | 93.4 | 95.4 | 95.9 | 96.1 | 96.7 | 97.0 | 97.3 | 97.5 |
| ≥ 10 | 68.4 | 80.9 | 83.3 | 84.9 | 87.5 | 88.2 | 90.5 | 92.6 | 93.4 | 95.5 | 96.0 | 96.2 | 96.9 | 97.3 | 97.6 | 98.0 |
| ≥ 5 | 68.4 | 80.9 | 83.3 | 84.9 | 87.5 | 88.2 | 90.5 | 92.8 | 93.7 | 95.9 | 96.5 | 96.7 | 97.5 | 98.1 | 98.4 | 99.0 |
| ≥ 2 | 68.4 | 80.9 | 83.3 | 84.9 | 87.5 | 88.2 | 90.5 | 93.0 | 93.9 | 96.1 | 96.9 | 97.2 | 98.3 | 98.8 | 99.2 | 99.9 |
| ≥ 1 | 68.4 | 80.9 | 83.3 | 84.9 | 87.5 | 88.2 | 90.5 | 93.0 | 93.9 | 96.1 | 96.9 | 97.2 | 98.3 | 98.8 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 940

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

WFFUT AFU NF
STATION NAME

0-76
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 48.8 | 54.4 | 55.3 | 55.5 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 20000 | 51.9 | 58.1 | 58.9 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| ≥ 18000 | 52.2 | 58.4 | 59.2 | 59.5 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 16000 | 52.6 | 58.8 | 59.7 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 14000 | 53.4 | 59.9 | 60.8 | 61.0 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| ≥ 12000 | 54.3 | 60.8 | 61.6 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 10000 | 56.1 | 62.8 | 63.8 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 9000 | 56.7 | 63.3 | 64.3 | 64.5 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| ≥ 8000 | 58.7 | 65.7 | 66.7 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 7000 | 60.2 | 67.7 | 68.8 | 69.1 | 69.1 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 6000 | 61.7 | 69.4 | 70.4 | 70.8 | 71.1 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 5000 | 63.4 | 71.4 | 72.5 | 72.8 | 73.1 | 73.7 | 74.1 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 4500 | 64.5 | 72.6 | 73.7 | 74.0 | 74.3 | 74.8 | 75.4 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 4000 | 67.1 | 75.4 | 76.5 | 76.8 | 77.1 | 77.6 | 78.2 | 78.3 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 3500 | 68.2 | 76.7 | 77.7 | 78.1 | 78.4 | 78.9 | 79.5 | 79.6 | 79.8 | 79.9 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 3000 | 68.8 | 78.0 | 79.0 | 79.4 | 79.7 | 80.2 | 80.8 | 80.9 | 81.1 | 81.2 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 2500 | 69.7 | 79.0 | 80.1 | 80.4 | 80.8 | 81.3 | 81.9 | 82.2 | 82.4 | 82.5 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 2000 | 71.3 | 81.0 | 82.2 | 82.5 | 82.9 | 83.5 | 84.2 | 84.6 | 84.9 | 85.1 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 1800 | 71.9 | 82.0 | 83.3 | 83.8 | 84.2 | 84.8 | 85.5 | 85.9 | 86.2 | 86.3 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 1500 | 73.0 | 83.9 | 85.4 | 85.8 | 86.3 | 87.0 | 87.6 | 88.2 | 88.5 | 88.6 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 1200 | 74.2 | 85.7 | 87.3 | 87.8 | 88.5 | 89.1 | 89.9 | 90.6 | 91.0 | 91.1 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 1000 | 74.4 | 86.0 | 88.0 | 88.7 | 89.7 | 90.3 | 91.2 | 92.0 | 92.5 | 92.6 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 900 | 74.4 | 86.1 | 88.1 | 88.8 | 89.9 | 90.5 | 91.5 | 92.4 | 92.8 | 92.9 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 800 | 74.4 | 86.3 | 88.3 | 89.1 | 90.2 | 91.2 | 92.3 | 93.2 | 94.0 | 94.5 | 94.9 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 700 | 74.5 | 86.5 | 88.4 | 89.4 | 90.5 | 91.5 | 92.7 | 93.9 | 94.6 | 95.2 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 600 | 74.5 | 86.5 | 88.6 | 89.6 | 90.6 | 91.9 | 93.1 | 94.3 | 95.1 | 95.8 | 96.5 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 500 | 74.5 | 86.5 | 88.7 | 89.7 | 91.0 | 92.0 | 93.3 | 94.6 | 95.5 | 96.2 | 96.9 | 97.0 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 400 | 74.5 | 86.5 | 88.7 | 89.8 | 91.1 | 92.2 | 93.5 | 94.9 | 95.8 | 96.9 | 97.5 | 97.6 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 300 | 74.5 | 86.5 | 88.7 | 89.8 | 91.1 | 92.2 | 93.5 | 95.2 | 96.2 | 97.6 | 98.3 | 98.5 | 99.2 | 99.4 | 99.6 | 99.8 |
| ≥ 200 | 74.5 | 86.5 | 88.7 | 89.8 | 91.1 | 92.2 | 93.5 | 95.2 | 96.2 | 97.7 | 98.4 | 98.6 | 99.4 | 99.6 | 99.6 | 100.0 |
| ≥ 100 | 74.5 | 86.5 | 88.7 | 89.8 | 91.1 | 92.2 | 93.5 | 95.2 | 96.2 | 97.7 | 98.4 | 98.6 | 99.4 | 99.6 | 99.6 | 100.0 |
| ≥ 0 | 74.5 | 86.5 | 88.7 | 89.8 | 91.1 | 92.2 | 93.5 | 95.2 | 96.2 | 97.7 | 98.4 | 98.6 | 99.4 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE

STATION NAME

9-78

YEAR

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|-------|--------|--------|-------|--------|---------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0 |
| NO CEILING | 51.0 | 54.1 | 54.5 | 54.8 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.3 |
| ≥ 20000 | 55.9 | 59.4 | 59.8 | 60.1 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.5 |
| ≥ 18000 | 50.0 | 57.6 | 60.0 | 60.3 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.8 |
| ≥ 16000 | 56.0 | 59.8 | 60.2 | 60.5 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.0 |
| ≥ 14000 | 57.7 | 61.6 | 62.0 | 62.4 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.8 |
| ≥ 12000 | 59.1 | 63.2 | 63.7 | 64.1 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.5 |
| ≥ 10000 | 60.9 | 64.9 | 65.4 | 65.9 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 |
| ≥ 9000 | 61.4 | 65.5 | 65.9 | 66.5 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 |
| ≥ 8000 | 62.3 | 66.3 | 67.1 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.1 |
| ≥ 7000 | 63.4 | 67.7 | 68.5 | 69.1 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.8 |
| ≥ 6000 | 64.9 | 69.4 | 70.1 | 70.8 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.4 |
| ≥ 5000 | 67.5 | 72.2 | 72.9 | 73.8 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 |
| ≥ 4500 | 68.4 | 73.3 | 74.1 | 75.1 | 75.4 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.0 |
| ≥ 4000 | 69.9 | 75.2 | 75.9 | 76.9 | 77.3 | 77.6 | 77.6 | 77.7 | 77.7 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.2 |
| ≥ 3500 | 70.6 | 76.2 | 77.1 | 78.2 | 78.6 | 78.9 | 78.9 | 79.0 | 79.0 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.5 |
| ≥ 3000 | 71.8 | 77.8 | 78.8 | 79.9 | 80.4 | 80.6 | 80.6 | 80.8 | 80.8 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.2 |
| ≥ 2500 | 72.6 | 79.0 | 80.0 | 81.1 | 81.5 | 81.9 | 81.9 | 82.4 | 82.4 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.8 |
| ≥ 2000 | 74.7 | 81.7 | 82.8 | 84.2 | 84.6 | 85.1 | 85.1 | 85.5 | 85.5 | 85.7 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.1 |
| ≥ 1800 | 75.1 | 82.3 | 83.3 | 84.7 | 85.2 | 85.6 | 85.6 | 86.0 | 86.0 | 86.2 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.7 |
| ≥ 1500 | 75.5 | 83.3 | 84.5 | 85.9 | 86.4 | 86.8 | 86.8 | 87.2 | 87.2 | 87.4 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.8 |
| ≥ 1400 | 76.5 | 84.6 | 86.1 | 87.6 | 88.5 | 89.0 | 89.5 | 89.9 | 89.9 | 90.3 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 91.0 |
| ≥ 1200 | 76.7 | 85.4 | 87.2 | 88.9 | 90.2 | 91.1 | 91.0 | 92.5 | 92.5 | 92.9 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.5 |
| ≥ 1000 | 76.7 | 85.4 | 87.2 | 88.9 | 90.4 | 91.3 | 91.3 | 92.9 | 93.1 | 93.5 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.2 |
| ≥ 900 | 76.7 | 85.7 | 87.5 | 89.4 | 91.0 | 91.8 | 91.8 | 93.5 | 93.5 | 93.9 | 94.5 | 94.5 | 94.9 | 94.9 | 95.1 | 95.2 |
| ≥ 800 | 76.7 | 85.7 | 87.5 | 89.4 | 91.0 | 91.8 | 91.8 | 93.5 | 93.5 | 93.9 | 94.2 | 94.8 | 95.3 | 95.3 | 95.4 | 95.5 |
| ≥ 700 | 76.7 | 85.7 | 87.5 | 89.4 | 91.0 | 91.8 | 91.8 | 93.5 | 93.5 | 93.9 | 94.2 | 94.8 | 95.3 | 95.3 | 95.4 | 95.5 |
| ≥ 600 | 76.7 | 85.7 | 87.5 | 89.4 | 91.0 | 91.8 | 91.8 | 93.5 | 93.5 | 93.9 | 94.2 | 94.8 | 95.3 | 95.3 | 95.4 | 95.5 |
| ≥ 500 | 76.7 | 85.7 | 87.5 | 89.4 | 91.0 | 91.8 | 91.8 | 93.5 | 93.5 | 93.9 | 94.2 | 94.8 | 95.3 | 95.3 | 95.4 | 95.5 |
| ≥ 400 | 76.7 | 85.7 | 87.5 | 89.4 | 91.0 | 91.8 | 91.8 | 93.5 | 93.5 | 93.9 | 94.2 | 94.8 | 95.3 | 95.3 | 95.4 | 95.5 |
| ≥ 300 | 76.7 | 85.7 | 87.5 | 89.4 | 91.0 | 91.8 | 91.8 | 93.5 | 93.5 | 93.9 | 94.2 | 94.8 | 95.3 | 95.3 | 95.4 | 95.5 |
| ≥ 200 | 76.7 | 85.7 | 87.5 | 89.4 | 91.0 | 91.8 | 91.8 | 93.5 | 93.5 | 93.9 | 94.2 | 94.8 | 95.3 | 95.3 | 95.4 | 95.5 |
| ≥ 100 | 76.7 | 85.7 | 87.5 | 89.4 | 91.0 | 91.8 | 91.8 | 93.5 | 93.5 | 93.9 | 94.2 | 94.8 | 95.3 | 95.3 | 95.4 | 95.5 |
| ≥ 0 | 76.7 | 85.7 | 87.5 | 89.4 | 91.0 | 91.8 | 91.8 | 93.5 | 93.5 | 93.9 | 94.2 | 94.8 | 95.3 | 95.3 | 95.4 | 95.5 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

4

14949

OFUTT AFM NE

9-78

145

1800-2000
HOURS: LST

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

DIFUTT AFB NF
STATION NAME

1978
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

| CEILING FEET | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 52.0 | 56.5 | 57.3 | 57.7 | 58.1 | 58.3 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 |
| ≥ 20000 | 54.3 | 58.8 | 59.8 | 60.2 | 60.8 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 |
| ≥ 18000 | 54.9 | 59.6 | 60.5 | 61.0 | 61.5 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 | 61.8 | 61.8 | 61.9 | 61.9 |
| ≥ 16000 | 55.2 | 59.8 | 60.8 | 61.2 | 61.7 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 | 62.2 | 62.2 |
| ≥ 14000 | 55.7 | 60.4 | 61.4 | 61.8 | 62.4 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 |
| ≥ 12000 | 56.7 | 61.4 | 62.4 | 62.8 | 63.3 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 |
| ≥ 10000 | 58.6 | 63.4 | 64.4 | 65.2 | 65.7 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 |
| ≥ 9000 | 58.9 | 63.8 | 64.7 | 65.5 | 66.0 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.5 | 66.5 |
| ≥ 8000 | 60.0 | 64.9 | 65.9 | 66.7 | 67.2 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.6 | 67.6 |
| ≥ 7000 | 61.3 | 66.5 | 67.4 | 68.2 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 |
| ≥ 6000 | 62.7 | 68.3 | 69.2 | 70.3 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.4 | 71.4 |
| ≥ 5000 | 63.8 | 69.4 | 70.3 | 71.4 | 72.0 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 |
| ≥ 4500 | 64.6 | 70.3 | 71.5 | 72.6 | 73.3 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.9 | 73.9 |
| ≥ 4000 | 65.7 | 71.6 | 72.9 | 74.0 | 74.7 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 |
| ≥ 3500 | 67.2 | 73.5 | 74.9 | 76.0 | 76.8 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 |
| ≥ 3000 | 68.7 | 75.1 | 76.8 | 77.8 | 78.7 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 |
| ≥ 2500 | 69.5 | 76.2 | 78.0 | 79.1 | 80.2 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.8 | 80.8 |
| ≥ 2000 | 71.2 | 78.3 | 80.1 | 81.3 | 82.4 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 |
| ≥ 1800 | 71.4 | 78.9 | 80.8 | 82.0 | 83.1 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.7 | 83.7 |
| ≥ 1500 | 72.0 | 80.5 | 82.7 | 84.1 | 85.1 | 85.6 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 |
| ≥ 1200 | 72.6 | 81.8 | 84.3 | 85.7 | 86.9 | 87.2 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 |
| ≥ 1000 | 73.1 | 82.9 | 85.5 | 87.0 | 88.4 | 88.9 | 89.2 | 89.6 | 89.7 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 |
| ≥ 900 | 73.2 | 83.4 | 86.1 | 87.6 | 89.0 | 89.6 | 89.9 | 90.2 | 90.3 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 |
| ≥ 800 | 73.2 | 83.5 | 86.2 | 87.7 | 89.6 | 90.3 | 90.8 | 91.1 | 91.2 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 |
| ≥ 700 | 73.3 | 83.8 | 86.8 | 88.6 | 90.6 | 91.4 | 91.8 | 92.3 | 92.4 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.7 | 93.7 |
| ≥ 600 | 73.3 | 83.9 | 86.9 | 88.7 | 91.0 | 91.9 | 92.5 | 92.9 | 93.0 | 94.0 | 94.4 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 |
| ≥ 500 | 73.3 | 83.9 | 87.0 | 88.9 | 91.3 | 92.3 | 92.9 | 93.4 | 93.7 | 94.8 | 95.5 | 95.5 | 95.5 | 95.6 | 95.7 | 95.7 |
| ≥ 400 | 73.3 | 83.9 | 87.0 | 88.9 | 91.3 | 92.5 | 93.1 | 94.3 | 94.6 | 96.0 | 96.9 | 97.0 | 97.1 | 97.2 | 97.4 | 97.4 |
| ≥ 300 | 73.3 | 83.9 | 87.0 | 88.9 | 91.3 | 92.5 | 93.1 | 94.6 | 94.9 | 96.5 | 97.7 | 97.8 | 98.0 | 98.4 | 98.6 | 98.6 |
| ≥ 200 | 73.3 | 83.9 | 87.0 | 88.9 | 91.3 | 92.5 | 93.2 | 94.8 | 95.2 | 96.7 | 98.1 | 98.2 | 98.3 | 98.9 | 99.2 | 99.2 |
| ≥ 100 | 73.3 | 83.9 | 87.0 | 88.9 | 91.3 | 92.5 | 93.2 | 94.8 | 95.2 | 96.7 | 98.1 | 98.2 | 98.4 | 99.2 | 99.8 | 100.0 |
| ≥ 0 | 73.3 | 83.9 | 87.0 | 88.9 | 91.3 | 92.5 | 93.2 | 94.8 | 95.2 | 96.7 | 98.1 | 98.2 | 98.4 | 99.2 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAF

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

1978

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 151

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥8 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING ≥ 20000 | 48.0 | 52.9 | 53.9 | 54.4 | 54.8 | 54.9 | 55.0 | 55.1 | 55.2 | 55.3 | 55.4 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 |
| ≥ 18000 | 51.4 | 56.0 | 56.9 | 57.5 | 58.0 | 58.2 | 58.3 | 58.4 | 58.4 | 58.6 | 58.6 | 58.6 | 58.7 | 58.7 | 58.7 | 58.8 |
| ≥ 16000 | 51.7 | 56.4 | 57.4 | 57.9 | 58.4 | 58.6 | 58.7 | 58.8 | 58.9 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.2 |
| ≥ 14000 | 52.0 | 56.7 | 57.7 | 58.2 | 58.7 | 58.9 | 59.0 | 59.2 | 59.2 | 59.3 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.6 |
| ≥ 12000 | 52.7 | 57.7 | 58.7 | 59.2 | 59.7 | 59.9 | 60.1 | 60.2 | 60.2 | 60.3 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 | 60.6 |
| ≥ 10000 | 53.8 | 59.0 | 60.0 | 60.6 | 61.1 | 61.3 | 61.4 | 61.5 | 61.6 | 61.7 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 9000 | 56.1 | 61.5 | 62.5 | 63.2 | 63.7 | 63.9 | 64.0 | 64.1 | 64.2 | 64.3 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 |
| ≥ 8000 | 59.7 | 62.1 | 63.2 | 63.8 | 64.3 | 64.5 | 64.7 | 64.8 | 64.8 | 65.0 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.2 |
| ≥ 7000 | 58.1 | 63.8 | 65.0 | 65.7 | 66.2 | 66.3 | 66.5 | 66.6 | 66.6 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 67.0 |
| ≥ 6000 | 59.5 | 65.5 | 66.7 | 67.4 | 68.0 | 68.2 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.9 | 68.9 |
| ≥ 5000 | 61.0 | 67.3 | 68.4 | 69.2 | 69.9 | 70.1 | 70.3 | 70.4 | 70.4 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.8 |
| ≥ 4500 | 62.5 | 69.0 | 70.3 | 71.1 | 71.8 | 72.0 | 72.3 | 72.5 | 72.5 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.9 | 72.9 |
| ≥ 4000 | 63.2 | 69.8 | 71.1 | 72.0 | 72.7 | 73.0 | 73.3 | 73.4 | 73.5 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.9 |
| ≥ 3500 | 64.5 | 71.5 | 72.9 | 73.8 | 74.5 | 74.9 | 75.2 | 75.3 | 75.4 | 75.6 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.9 |
| ≥ 3000 | 65.5 | 72.8 | 74.2 | 75.1 | 75.9 | 76.3 | 76.6 | 76.8 | 76.9 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 |
| ≥ 2500 | 66.4 | 74.1 | 75.5 | 76.6 | 77.4 | 77.8 | 78.1 | 78.3 | 78.4 | 78.6 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.9 |
| ≥ 2000 | 67.4 | 75.3 | 76.8 | 77.9 | 78.8 | 79.7 | 79.7 | 80.0 | 80.1 | 80.3 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.6 |
| ≥ 1800 | 69.2 | 77.7 | 79.4 | 80.6 | 81.6 | 82.1 | 82.5 | 82.9 | 83.1 | 83.4 | 83.5 | 83.5 | 83.6 | 83.6 | 83.6 | 83.7 |
| ≥ 1500 | 69.5 | 78.3 | 80.0 | 81.3 | 82.4 | 82.8 | 83.3 | 83.7 | 83.9 | 84.1 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 1200 | 70.1 | 79.6 | 81.5 | 83.0 | 84.1 | 84.6 | 85.1 | 85.6 | 85.8 | 86.1 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.5 |
| ≥ 1000 | 70.8 | 80.9 | 83.0 | 84.6 | 86.0 | 86.6 | 87.2 | 87.7 | 88.0 | 88.3 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 |
| ≥ 900 | 71.3 | 81.7 | 84.0 | 85.8 | 87.4 | 88.1 | 88.8 | 89.4 | 89.7 | 90.1 | 90.4 | 90.4 | 90.5 | 90.5 | 90.6 | 90.6 |
| ≥ 800 | 71.3 | 81.9 | 84.3 | 86.1 | 87.8 | 88.5 | 89.4 | 90.1 | 90.4 | 90.9 | 91.2 | 91.2 | 91.3 | 91.3 | 91.4 | 91.4 |
| ≥ 700 | 71.4 | 82.4 | 84.7 | 86.7 | 88.6 | 89.4 | 90.4 | 91.3 | 91.7 | 92.3 | 92.7 | 92.8 | 92.9 | 92.9 | 92.9 | 93.0 |
| ≥ 600 | 71.4 | 82.6 | 85.0 | 87.1 | 89.2 | 90.1 | 91.2 | 92.2 | 92.7 | 93.5 | 93.9 | 94.0 | 94.1 | 94.2 | 94.3 | 94.3 |
| ≥ 500 | 71.5 | 82.6 | 85.2 | 87.3 | 89.6 | 90.6 | 91.8 | 92.9 | 93.4 | 94.4 | 94.9 | 95.0 | 95.2 | 95.3 | 95.3 | 95.4 |
| ≥ 400 | 71.5 | 82.7 | 85.3 | 87.5 | 89.9 | 90.9 | 92.3 | 93.5 | 94.1 | 95.3 | 95.9 | 96.0 | 96.3 | 96.4 | 96.5 | 96.5 |
| ≥ 300 | 71.5 | 82.7 | 85.3 | 87.6 | 89.9 | 91.1 | 92.6 | 93.9 | 94.7 | 96.0 | 96.7 | 96.8 | 97.1 | 97.3 | 97.6 | 97.7 |
| ≥ 200 | 71.5 | 82.7 | 85.3 | 87.6 | 90.0 | 91.2 | 92.7 | 94.2 | 95.1 | 96.5 | 97.3 | 97.5 | 97.9 | 98.1 | 98.4 | 98.6 |
| ≥ 100 | 71.5 | 82.7 | 85.3 | 87.6 | 90.0 | 91.2 | 92.7 | 94.5 | 95.4 | 96.9 | 97.9 | 98.0 | 98.6 | 99.0 | 99.5 | 99.9 |
| ≥ 0 | 71.5 | 82.7 | 85.3 | 87.6 | 90.0 | 91.2 | 92.7 | 94.5 | 95.4 | 96.9 | 97.9 | 98.0 | 98.6 | 99.0 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFUTT AFB NE

STATION NAME

1978

YEAR

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

| CEILING FEET | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|------------------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO. CEILING ≥ 20000 | 50.8 | 52.6 | 53.4 | 54.3 | 54.6 | 54.7 | 55.4 | 55.6 | 55.6 | 55.8 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.5 |
| ≥ 18000 | 51.8 | 52.5 | 54.4 | 55.2 | 55.6 | 55.7 | 56.4 | 56.5 | 56.5 | 56.7 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.4 |
| ≥ 16000 | 52.0 | 53.8 | 54.6 | 55.4 | 55.8 | 55.9 | 56.6 | 56.7 | 56.7 | 57.0 | 57.2 | 57.2 | 57.3 | 57.3 | 57.3 | 57.8 |
| ≥ 14000 | 52.2 | 54.1 | 55.0 | 55.8 | 56.1 | 56.3 | 57.0 | 57.1 | 57.1 | 57.3 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 58.2 |
| ≥ 12000 | 53.0 | 54.8 | 55.7 | 56.5 | 56.9 | 57.0 | 57.7 | 57.8 | 57.8 | 58.0 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.9 |
| ≥ 10000 | 54.4 | 56.4 | 57.2 | 58.0 | 58.4 | 58.5 | 59.2 | 59.3 | 59.3 | 59.6 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 60.4 |
| ≥ 8000 | 55.2 | 57.3 | 58.2 | 59.0 | 59.3 | 59.5 | 60.2 | 60.3 | 60.3 | 60.5 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 | 61.3 |
| ≥ 7000 | 55.3 | 57.4 | 58.3 | 59.1 | 59.5 | 59.6 | 60.3 | 60.4 | 60.4 | 60.6 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.5 |
| ≥ 6000 | 55.8 | 58.0 | 58.9 | 59.7 | 60.0 | 60.2 | 60.9 | 61.0 | 61.0 | 61.2 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 62.1 |
| ≥ 5000 | 56.6 | 59.2 | 60.0 | 60.9 | 61.2 | 61.3 | 62.1 | 62.2 | 62.2 | 62.4 | 62.6 | 62.6 | 62.8 | 62.8 | 62.8 | 63.2 |
| ≥ 4500 | 58.2 | 60.8 | 61.6 | 62.4 | 62.8 | 62.9 | 63.6 | 63.7 | 63.7 | 63.9 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.8 |
| ≥ 4000 | 60.5 | 63.7 | 64.5 | 65.4 | 66.0 | 66.1 | 66.8 | 66.9 | 66.9 | 67.1 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 68.0 |
| ≥ 3500 | 62.1 | 65.5 | 66.3 | 67.6 | 68.3 | 68.4 | 69.3 | 69.4 | 69.4 | 69.6 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.4 |
| ≥ 3000 | 63.4 | 66.9 | 68.1 | 69.1 | 70.2 | 70.3 | 71.2 | 71.3 | 71.3 | 71.5 | 71.7 | 71.7 | 71.9 | 71.9 | 71.9 | 72.3 |
| ≥ 2500 | 63.8 | 67.5 | 68.7 | 69.7 | 70.6 | 71.0 | 71.9 | 72.0 | 72.0 | 72.2 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 73.0 |
| ≥ 2000 | 66.0 | 70.1 | 71.3 | 72.3 | 73.6 | 73.9 | 74.7 | 74.9 | 74.9 | 75.2 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 76.0 |
| ≥ 1800 | 66.5 | 70.8 | 72.3 | 73.5 | 74.9 | 75.2 | 76.1 | 76.4 | 76.4 | 76.6 | 76.8 | 76.8 | 77.0 | 77.0 | 77.0 | 77.4 |
| ≥ 1600 | 68.7 | 73.8 | 75.3 | 76.5 | 78.1 | 78.4 | 79.3 | 79.7 | 79.7 | 79.9 | 80.1 | 80.1 | 80.3 | 80.3 | 80.3 | 80.7 |
| ≥ 1400 | 69.0 | 74.1 | 75.7 | 76.8 | 78.6 | 78.8 | 79.8 | 80.1 | 80.1 | 80.4 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 81.2 |
| ≥ 1200 | 70.0 | 75.8 | 77.4 | 79.4 | 81.4 | 81.9 | 83.0 | 83.3 | 83.3 | 83.7 | 84.0 | 84.0 | 84.2 | 84.2 | 84.2 | 84.6 |
| ≥ 1000 | 70.7 | 77.8 | 80.3 | 81.8 | 83.8 | 84.5 | 85.8 | 86.6 | 86.8 | 87.0 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 88.1 |
| ≥ 900 | 71.3 | 79.9 | 82.2 | 84.6 | 87.4 | 88.1 | 89.5 | 90.4 | 90.5 | 90.9 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 92.0 |
| ≥ 800 | 71.4 | 80.4 | 83.2 | 85.5 | 88.4 | 89.2 | 90.7 | 91.7 | 91.8 | 92.2 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 93.3 |
| ≥ 700 | 71.4 | 80.5 | 83.3 | 85.7 | 88.8 | 90.1 | 91.6 | 92.8 | 92.9 | 93.3 | 93.7 | 93.7 | 93.9 | 93.9 | 93.9 | 94.3 |
| ≥ 600 | 71.5 | 80.6 | 83.5 | 85.9 | 89.4 | 90.8 | 92.4 | 93.9 | 94.0 | 94.3 | 94.8 | 94.9 | 95.0 | 95.0 | 95.0 | 95.5 |
| ≥ 500 | 71.5 | 80.6 | 83.6 | 86.4 | 90.0 | 91.5 | 93.3 | 95.2 | 95.3 | 95.9 | 96.3 | 96.5 | 96.6 | 96.6 | 96.6 | 97.0 |
| ≥ 400 | 71.5 | 80.6 | 83.6 | 86.4 | 90.1 | 91.8 | 93.6 | 95.6 | 96.1 | 96.9 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 98.1 |
| ≥ 300 | 71.5 | 80.6 | 83.6 | 86.4 | 90.1 | 91.8 | 93.7 | 95.7 | 96.3 | 97.3 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.9 |
| ≥ 200 | 71.5 | 80.6 | 83.6 | 86.4 | 90.1 | 91.8 | 93.7 | 95.7 | 96.3 | 97.3 | 97.9 | 98.2 | 98.7 | 98.8 | 98.9 | 99.5 |
| ≥ 100 | 71.5 | 80.6 | 83.6 | 86.4 | 90.1 | 91.8 | 93.7 | 95.7 | 96.3 | 97.3 | 97.9 | 98.2 | 98.7 | 98.8 | 99.1 | 99.9 |
| ≥ 0 | 71.5 | 80.6 | 83.6 | 86.4 | 90.1 | 91.8 | 93.7 | 95.7 | 96.3 | 97.3 | 97.9 | 98.2 | 98.7 | 98.8 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14949 OFFUTT AFB NE

9-76

FEET

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0500

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 48.1 | 51.8 | 52.8 | 53.5 | 54.0 | 54.3 | 54.5 | 54.5 | 54.5 | 54.5 | 55.2 | 55.4 | 55.4 | 55.6 | 55.6 | 55.8 |
| ≥ 20000 | 49.3 | 53.3 | 54.4 | 55.1 | 55.6 | 55.8 | 56.0 | 56.0 | 56.0 | 56.4 | 56.7 | 57.0 | 57.0 | 57.1 | 57.1 | 57.3 |
| ≥ 18000 | 49.6 | 53.8 | 54.8 | 55.6 | 56.0 | 56.3 | 56.5 | 56.5 | 56.9 | 57.2 | 57.4 | 57.4 | 57.6 | 57.6 | 57.6 | 57.8 |
| ≥ 16000 | 49.9 | 54.0 | 55.1 | 55.8 | 56.3 | 56.5 | 56.7 | 56.7 | 57.1 | 57.4 | 57.7 | 57.7 | 57.8 | 57.8 | 57.8 | 58.0 |
| ≥ 14000 | 50.5 | 54.6 | 55.7 | 56.4 | 56.9 | 57.1 | 57.6 | 57.6 | 57.9 | 58.3 | 58.5 | 58.5 | 58.6 | 58.6 | 58.6 | 58.9 |
| ≥ 12000 | 51.9 | 56.3 | 57.3 | 58.0 | 58.5 | 58.7 | 59.2 | 59.2 | 59.6 | 59.9 | 60.2 | 60.2 | 60.3 | 60.3 | 60.3 | 60.5 |
| ≥ 10000 | 53.7 | 59.0 | 59.1 | 59.8 | 60.3 | 60.5 | 61.1 | 61.1 | 61.5 | 61.8 | 62.1 | 62.1 | 62.2 | 62.2 | 62.2 | 62.4 |
| ≥ 8000 | 54.0 | 58.4 | 59.5 | 60.2 | 60.8 | 61.0 | 61.6 | 61.6 | 61.9 | 62.3 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.9 |
| ≥ 7000 | 54.7 | 59.3 | 60.4 | 61.2 | 61.8 | 62.1 | 62.8 | 62.8 | 63.1 | 63.5 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 64.1 |
| ≥ 6000 | 56.3 | 60.9 | 61.9 | 62.9 | 63.5 | 63.7 | 64.4 | 64.4 | 64.8 | 65.1 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.7 |
| ≥ 5000 | 58.7 | 63.6 | 64.7 | 65.6 | 66.2 | 66.4 | 67.1 | 67.1 | 67.5 | 67.8 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.4 |
| ≥ 4500 | 59.7 | 64.7 | 65.8 | 66.8 | 67.5 | 67.7 | 68.4 | 68.4 | 68.8 | 69.1 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.7 |
| ≥ 4000 | 60.9 | 65.8 | 67.0 | 68.0 | 68.7 | 68.9 | 69.6 | 69.6 | 70.0 | 70.3 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.9 |
| ≥ 3500 | 61.5 | 66.4 | 67.6 | 68.9 | 69.9 | 70.1 | 70.8 | 70.8 | 71.2 | 71.5 | 71.7 | 71.7 | 71.9 | 71.9 | 71.9 | 72.1 |
| ≥ 3000 | 62.8 | 67.7 | 68.9 | 70.2 | 71.2 | 71.5 | 72.3 | 72.5 | 72.9 | 73.3 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 | 73.9 |
| ≥ 2500 | 63.8 | 69.0 | 70.4 | 71.7 | 72.9 | 73.3 | 74.2 | 74.5 | 74.9 | 75.3 | 75.5 | 75.5 | 75.7 | 75.7 | 75.7 | 75.9 |
| ≥ 2000 | 65.5 | 71.3 | 72.8 | 74.2 | 75.4 | 75.8 | 77.1 | 77.3 | 77.8 | 78.1 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.7 |
| ≥ 1800 | 65.6 | 71.5 | 73.0 | 74.5 | 75.7 | 76.0 | 77.3 | 77.5 | 78.0 | 78.4 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 79.0 |
| ≥ 1500 | 66.8 | 72.8 | 75.5 | 77.1 | 78.5 | 79.1 | 81.5 | 81.0 | 81.4 | 81.8 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.5 |
| ≥ 1200 | 67.8 | 74.1 | 78.1 | 79.8 | 81.2 | 82.0 | 83.5 | 84.2 | 84.6 | 85.3 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.4 |
| ≥ 1000 | 68.1 | 75.6 | 79.2 | 81.1 | 83.1 | 84.2 | 85.7 | 86.4 | 87.0 | 87.7 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.8 |
| ≥ 900 | 68.1 | 77.1 | 79.8 | 81.8 | 84.2 | 85.5 | 87.0 | 87.9 | 88.5 | 89.4 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.4 |
| ≥ 800 | 68.2 | 77.4 | 80.3 | 82.9 | 85.5 | 86.8 | 88.7 | 90.0 | 90.5 | 91.4 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.4 |
| ≥ 700 | 68.2 | 78.0 | 80.9 | 83.8 | 86.9 | 88.3 | 91.2 | 91.6 | 92.2 | 93.1 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.2 |
| ≥ 600 | 68.2 | 78.0 | 80.9 | 83.9 | 87.5 | 89.2 | 91.7 | 93.6 | 94.2 | 95.4 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.7 |
| ≥ 500 | 68.2 | 78.0 | 80.9 | 83.9 | 87.5 | 89.4 | 91.8 | 93.9 | 94.6 | 95.7 | 96.6 | 96.6 | 96.7 | 96.7 | 96.8 | 97.2 |
| ≥ 400 | 68.2 | 78.0 | 80.9 | 83.9 | 87.5 | 89.4 | 92.1 | 94.2 | 94.9 | 96.2 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.9 |
| ≥ 300 | 68.2 | 78.0 | 80.9 | 83.9 | 87.5 | 89.4 | 92.1 | 94.3 | 95.4 | 96.8 | 97.9 | 97.9 | 98.2 | 98.3 | 98.6 | 99.1 |
| ≥ 200 | 68.2 | 78.0 | 80.9 | 83.9 | 87.5 | 89.4 | 92.1 | 94.3 | 95.4 | 96.8 | 97.9 | 97.9 | 98.2 | 98.3 | 98.6 | 99.3 |
| ≥ 100 | 68.2 | 78.0 | 80.9 | 83.9 | 87.5 | 89.4 | 92.1 | 94.3 | 95.4 | 96.8 | 97.9 | 97.9 | 98.2 | 98.3 | 98.6 | 99.8 |
| ≥ 0 | 68.2 | 78.0 | 80.9 | 83.9 | 87.5 | 89.4 | 92.1 | 94.3 | 95.4 | 96.8 | 97.9 | 97.9 | 98.2 | 98.3 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

9-76
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 45.9 | 47.5 | 50.5 | 51.3 | 51.7 | 52.5 | 53.1 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.5 | 53.5 | 53.5 | 53.7 |
| ≥20000 | 46.6 | 50.4 | 51.4 | 52.2 | 52.0 | 53.4 | 54.0 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.6 |
| ≥18000 | 46.8 | 50.6 | 51.7 | 52.5 | 53.1 | 53.7 | 54.3 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 | 54.7 | 54.7 | 54.8 |
| ≥16000 | 47.2 | 50.9 | 52.0 | 52.8 | 53.4 | 54.0 | 54.6 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.2 |
| ≥14000 | 48.8 | 52.6 | 53.7 | 54.5 | 55.1 | 55.7 | 56.3 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 | 56.9 |
| ≥12000 | 49.8 | 53.5 | 54.6 | 55.4 | 56.0 | 56.6 | 57.2 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.8 |
| ≥10000 | 51.4 | 55.2 | 56.4 | 57.2 | 57.8 | 58.4 | 59.0 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.5 | 59.5 | 59.5 | 59.6 |
| ≥9000 | 52.1 | 55.9 | 57.2 | 58.2 | 58.7 | 59.3 | 59.9 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.5 |
| ≥8000 | 52.8 | 56.6 | 57.9 | 58.9 | 59.5 | 60.2 | 60.8 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.3 |
| ≥7000 | 53.7 | 57.4 | 58.7 | 59.7 | 60.3 | 61.0 | 61.8 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.3 | 62.3 | 62.3 | 62.4 |
| ≥6000 | 55.2 | 59.2 | 60.5 | 61.5 | 62.1 | 62.8 | 63.7 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.4 |
| ≥5000 | 57.1 | 61.6 | 63.0 | 63.9 | 64.5 | 65.2 | 66.2 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 66.9 | 67.0 |
| ≥4500 | 57.4 | 62.1 | 63.5 | 64.4 | 65.1 | 65.8 | 66.8 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.6 |
| ≥4000 | 58.6 | 63.5 | 64.9 | 65.8 | 66.5 | 67.3 | 68.2 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 69.0 |
| ≥3500 | 59.1 | 63.9 | 65.4 | 66.4 | 67.1 | 67.8 | 68.8 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.6 |
| ≥3000 | 60.5 | 65.6 | 67.4 | 68.6 | 69.2 | 70.2 | 71.2 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.3 |
| ≥2500 | 62.1 | 67.7 | 69.9 | 71.3 | 72.6 | 73.3 | 74.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.7 | 75.7 | 75.7 | 75.8 |
| ≥2000 | 63.4 | 69.3 | 71.6 | 73.4 | 75.1 | 75.8 | 77.0 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.5 |
| ≥1800 | 63.8 | 70.0 | 72.3 | 74.1 | 75.9 | 76.6 | 77.8 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.3 |
| ≥1500 | 64.9 | 72.3 | 74.9 | 76.7 | 78.6 | 79.3 | 80.6 | 82.0 | 82.3 | 82.3 | 82.3 | 82.3 | 82.5 | 82.5 | 82.5 | 82.6 |
| ≥1200 | 65.6 | 74.7 | 77.5 | 79.4 | 81.3 | 82.0 | 83.3 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.6 | 85.6 | 85.6 | 85.7 |
| ≥1000 | 65.8 | 75.7 | 78.8 | 81.2 | 83.2 | 84.2 | 85.5 | 87.2 | 87.6 | 87.6 | 87.6 | 87.6 | 87.9 | 87.9 | 87.9 | 88.1 |
| ≥900 | 65.8 | 75.8 | 79.1 | 81.8 | 84.2 | 85.2 | 86.8 | 88.7 | 89.0 | 89.0 | 89.0 | 89.4 | 89.5 | 89.5 | 89.5 | 89.6 |
| ≥800 | 66.0 | 76.4 | 79.9 | 83.0 | 85.6 | 86.8 | 88.7 | 91.0 | 91.8 | 92.1 | 92.4 | 92.6 | 92.6 | 92.6 | 92.7 | 92.8 |
| ≥700 | 66.0 | 76.5 | 80.1 | 83.2 | 86.3 | 87.5 | 89.4 | 91.7 | 92.7 | 92.9 | 93.3 | 93.4 | 93.4 | 93.4 | 93.5 | 93.6 |
| ≥600 | 66.0 | 76.5 | 80.3 | 83.3 | 86.6 | 87.8 | 89.7 | 92.8 | 94.0 | 94.2 | 94.7 | 94.9 | 94.9 | 94.9 | 95.0 | 95.2 |
| ≥500 | 66.0 | 76.5 | 80.3 | 83.3 | 86.6 | 88.4 | 90.3 | 93.7 | 95.3 | 95.6 | 96.5 | 96.7 | 96.7 | 96.7 | 97.0 | 97.2 |
| ≥400 | 66.0 | 76.5 | 80.4 | 83.5 | 86.8 | 88.5 | 90.5 | 94.0 | 95.6 | 96.0 | 97.0 | 97.3 | 97.4 | 97.5 | 97.9 | 98.0 |
| ≥300 | 66.0 | 76.5 | 80.4 | 83.5 | 86.8 | 88.5 | 90.7 | 94.1 | 96.0 | 96.7 | 97.9 | 98.2 | 98.3 | 98.5 | 98.9 | 99.4 |
| ≥200 | 66.0 | 76.5 | 80.4 | 83.5 | 86.8 | 88.5 | 90.7 | 94.1 | 96.0 | 96.7 | 97.9 | 98.2 | 98.3 | 98.5 | 98.9 | 99.6 |
| ≥100 | 66.0 | 76.5 | 80.4 | 83.5 | 86.8 | 88.5 | 90.7 | 94.1 | 96.0 | 96.7 | 97.9 | 98.2 | 98.3 | 98.5 | 98.9 | 99.9 |
| ≥0 | 66.0 | 76.5 | 80.4 | 83.5 | 86.8 | 88.5 | 90.7 | 94.1 | 96.0 | 96.7 | 97.9 | 98.2 | 98.3 | 98.5 | 98.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

1978
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS - L.S.

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 41.0 | 46.8 | 48.4 | 49.7 | 50.1 | 50.2 | 50.4 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| ≥ 20000 | 45.0 | 50.7 | 53.0 | 53.3 | 54.3 | 54.5 | 54.6 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 18000 | 45.2 | 51.1 | 53.3 | 53.7 | 54.6 | 54.8 | 55.0 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 16000 | 45.5 | 51.4 | 53.7 | 54.0 | 55.0 | 55.2 | 55.3 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| ≥ 14000 | 46.6 | 52.6 | 54.8 | 55.2 | 56.1 | 56.4 | 56.5 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| ≥ 12000 | 48.3 | 54.4 | 56.7 | 57.1 | 58.0 | 58.3 | 58.4 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| ≥ 10000 | 50.6 | 56.6 | 59.2 | 59.7 | 60.6 | 60.9 | 61.0 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 9000 | 51.4 | 57.4 | 60.0 | 60.3 | 61.3 | 61.7 | 61.8 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 8000 | 53.0 | 59.0 | 61.6 | 62.1 | 63.0 | 63.2 | 63.4 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 7000 | 54.4 | 60.5 | 63.1 | 63.6 | 64.5 | 64.8 | 64.9 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 6000 | 55.0 | 61.8 | 64.5 | 65.0 | 66.0 | 66.2 | 66.3 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| ≥ 5000 | 56.0 | 63.1 | 66.0 | 66.4 | 67.5 | 67.8 | 67.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 4500 | 56.3 | 63.5 | 66.3 | 66.9 | 68.0 | 68.4 | 68.8 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 4000 | 56.6 | 64.2 | 67.0 | 67.6 | 68.7 | 69.1 | 69.5 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 3500 | 58.4 | 66.1 | 68.9 | 69.6 | 70.8 | 71.4 | 71.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 3000 | 59.5 | 68.0 | 70.8 | 71.7 | 72.9 | 73.6 | 74.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 2500 | 61.2 | 70.8 | 73.8 | 74.7 | 76.1 | 76.8 | 77.2 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 2000 | 62.5 | 72.5 | 76.1 | 77.1 | 78.8 | 79.6 | 80.0 | 81.2 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 1800 | 63.1 | 73.8 | 77.0 | 77.9 | 79.7 | 80.4 | 81.0 | 82.3 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 1500 | 63.9 | 76.0 | 79.3 | 80.3 | 82.0 | 82.9 | 83.5 | 84.8 | 85.1 | 85.3 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 1200 | 64.3 | 77.4 | 80.7 | 81.7 | 83.7 | 84.8 | 85.5 | 87.2 | 87.6 | 87.9 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 1000 | 64.3 | 78.0 | 81.4 | 82.4 | 84.9 | 85.9 | 86.8 | 88.5 | 89.0 | 89.5 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 900 | 64.3 | 78.4 | 81.8 | 82.7 | 85.7 | 86.8 | 87.6 | 89.6 | 90.2 | 90.8 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 800 | 64.3 | 78.6 | 82.2 | 83.1 | 86.2 | 87.2 | 88.2 | 90.7 | 91.5 | 92.1 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 700 | 64.3 | 78.6 | 82.2 | 83.2 | 86.3 | 87.5 | 88.5 | 91.3 | 92.2 | 92.8 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 600 | 64.3 | 78.7 | 82.3 | 83.5 | 86.4 | 87.9 | 89.4 | 92.2 | 93.3 | 93.9 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 500 | 64.3 | 78.7 | 82.3 | 83.5 | 86.9 | 88.1 | 89.5 | 92.3 | 93.9 | 95.2 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 400 | 64.3 | 78.7 | 82.3 | 83.5 | 87.0 | 88.2 | 89.6 | 92.6 | 94.4 | 96.1 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 300 | 64.3 | 78.7 | 82.3 | 83.5 | 87.0 | 88.2 | 89.6 | 92.8 | 94.8 | 96.6 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 200 | 64.3 | 78.7 | 82.3 | 83.5 | 87.0 | 88.2 | 89.6 | 92.8 | 94.8 | 96.6 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 100 | 64.3 | 78.7 | 82.3 | 83.5 | 87.0 | 88.2 | 89.6 | 92.8 | 94.8 | 96.6 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 0 | 64.3 | 78.7 | 82.3 | 83.5 | 87.0 | 88.2 | 89.6 | 92.8 | 94.8 | 96.6 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE

STATION NAME

09-70

YEARS

FEA

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 49.8 | 52.4 | 52.8 | 53.1 | 53.1 | 53.2 | 53.7 | 53.7 | 53.8 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| ≥ 20000 | 52.1 | 55.1 | 55.7 | 55.9 | 55.9 | 56.0 | 56.5 | 56.5 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 18000 | 53.4 | 56.4 | 57.0 | 57.2 | 57.2 | 57.3 | 57.8 | 57.8 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 16000 | 53.5 | 56.5 | 57.1 | 57.4 | 57.4 | 57.6 | 58.0 | 58.0 | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| ≥ 14000 | 54.3 | 57.4 | 58.2 | 58.5 | 58.5 | 58.6 | 59.1 | 59.1 | 59.2 | 59.2 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 12000 | 55.1 | 58.6 | 59.3 | 59.7 | 59.7 | 59.8 | 60.3 | 60.3 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥ 10000 | 56.9 | 60.5 | 61.2 | 61.6 | 61.6 | 61.7 | 62.2 | 62.2 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 9000 | 57.7 | 61.3 | 62.1 | 62.4 | 62.4 | 62.5 | 63.0 | 63.0 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 8000 | 58.5 | 62.2 | 62.9 | 63.2 | 63.2 | 63.4 | 63.8 | 63.8 | 63.9 | 63.9 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 7000 | 60.2 | 63.9 | 64.7 | 65.0 | 65.0 | 65.1 | 65.6 | 65.6 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 6000 | 61.2 | 65.6 | 66.3 | 66.7 | 66.7 | 66.8 | 67.3 | 67.3 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 5000 | 63.5 | 68.4 | 69.4 | 69.9 | 69.9 | 70.0 | 70.4 | 70.4 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 4500 | 64.1 | 69.0 | 70.0 | 70.4 | 70.6 | 70.7 | 71.2 | 71.2 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 4000 | 65.6 | 70.8 | 71.7 | 72.2 | 72.5 | 72.7 | 73.3 | 73.3 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 3500 | 66.1 | 71.4 | 72.3 | 72.8 | 73.0 | 73.3 | 74.0 | 74.0 | 74.2 | 74.3 | 74.3 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 3000 | 68.1 | 74.2 | 75.2 | 75.9 | 76.4 | 76.6 | 77.3 | 77.7 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 2500 | 69.4 | 75.8 | 76.8 | 77.5 | 78.1 | 78.4 | 79.1 | 79.4 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 2000 | 71.2 | 78.6 | 80.1 | 81.0 | 81.6 | 81.8 | 82.5 | 83.0 | 83.1 | 83.3 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 1800 | 71.4 | 79.6 | 81.3 | 82.2 | 82.7 | 83.0 | 83.7 | 84.2 | 84.3 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 1500 | 72.5 | 81.6 | 83.3 | 84.3 | 84.9 | 85.1 | 85.9 | 86.6 | 86.8 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 1200 | 72.9 | 83.0 | 85.1 | 86.3 | 87.1 | 87.7 | 88.5 | 89.5 | 89.6 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 1000 | 73.0 | 83.9 | 86.4 | 87.6 | 88.7 | 89.2 | 90.4 | 91.7 | 91.8 | 92.3 | 92.4 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 900 | 73.0 | 83.9 | 86.4 | 87.6 | 88.9 | 89.5 | 90.9 | 92.2 | 92.3 | 92.8 | 92.9 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 800 | 73.0 | 84.5 | 87.1 | 88.5 | 90.1 | 90.8 | 92.2 | 93.5 | 93.6 | 94.3 | 94.4 | 94.4 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 700 | 73.6 | 84.6 | 87.2 | 88.7 | 90.3 | 91.0 | 92.8 | 94.3 | 94.6 | 95.4 | 95.7 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 600 | 73.6 | 85.0 | 87.6 | 89.0 | 90.8 | 91.5 | 93.3 | 94.8 | 95.2 | 96.3 | 97.2 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 500 | 73.6 | 85.0 | 87.6 | 89.0 | 90.8 | 91.6 | 93.4 | 95.3 | 95.7 | 97.2 | 98.0 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 400 | 73.6 | 85.0 | 87.6 | 89.0 | 90.8 | 91.7 | 93.6 | 95.5 | 96.2 | 97.9 | 98.9 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 73.6 | 85.0 | 87.6 | 89.0 | 90.8 | 91.7 | 93.6 | 95.5 | 96.2 | 98.0 | 99.1 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 73.6 | 85.0 | 87.6 | 89.0 | 90.8 | 91.7 | 93.6 | 95.5 | 96.2 | 98.0 | 99.1 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 73.6 | 85.0 | 87.6 | 89.0 | 90.8 | 91.7 | 93.6 | 95.5 | 96.2 | 98.0 | 99.1 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 73.6 | 85.0 | 87.6 | 89.0 | 90.8 | 91.7 | 93.6 | 95.5 | 96.2 | 98.0 | 99.1 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 840

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

59-78
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 50.9 | 52.4 | 53.0 | 53.1 | 53.2 | 53.2 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| ≥ 20000 | 54.4 | 56.0 | 56.6 | 56.7 | 56.9 | 56.9 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| ≥ 18000 | 54.7 | 56.4 | 57.0 | 57.1 | 57.2 | 57.2 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 16000 | 54.8 | 56.5 | 57.1 | 57.2 | 57.3 | 57.3 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 14000 | 55.8 | 57.4 | 58.2 | 58.3 | 58.4 | 58.4 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 12000 | 57.1 | 58.7 | 59.5 | 59.6 | 59.7 | 59.7 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 10000 | 58.3 | 59.9 | 60.6 | 60.8 | 60.9 | 60.9 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 9000 | 58.3 | 59.9 | 60.6 | 60.8 | 60.9 | 60.9 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 8000 | 59.6 | 61.3 | 62.1 | 62.2 | 62.3 | 62.3 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 7000 | 60.6 | 62.4 | 63.1 | 63.2 | 63.4 | 63.4 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 6000 | 62.5 | 64.4 | 65.1 | 65.2 | 65.4 | 65.4 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 5000 | 62.5 | 67.6 | 68.4 | 68.7 | 68.8 | 68.8 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 4500 | 66.3 | 68.6 | 69.4 | 69.9 | 70.1 | 70.1 | 70.4 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 4000 | 68.0 | 70.6 | 71.4 | 72.0 | 72.2 | 72.2 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 3500 | 68.7 | 71.3 | 72.1 | 72.7 | 73.0 | 73.0 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 3000 | 71.5 | 74.1 | 75.1 | 75.7 | 76.0 | 76.0 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 2500 | 72.7 | 76.2 | 77.2 | 77.8 | 78.1 | 78.1 | 79.0 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 2000 | 74.6 | 78.6 | 79.8 | 80.6 | 81.1 | 81.1 | 81.9 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 1800 | 74.7 | 79.0 | 80.1 | 81.1 | 81.8 | 81.8 | 82.7 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 1500 | 76.1 | 81.6 | 82.4 | 84.9 | 85.6 | 85.9 | 87.0 | 87.2 | 87.2 | 87.0 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 1200 | 76.1 | 82.3 | 84.3 | 86.1 | 86.8 | 87.1 | 88.5 | 88.9 | 89.5 | 89.6 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 1000 | 76.5 | 83.3 | 85.8 | 88.4 | 89.4 | 89.7 | 91.6 | 92.2 | 92.9 | 93.1 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 900 | 76.5 | 83.7 | 86.2 | 89.1 | 90.3 | 90.7 | 92.7 | 93.3 | 94.1 | 94.3 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 800 | 76.6 | 83.8 | 86.4 | 89.6 | 90.8 | 91.1 | 93.1 | 94.0 | 95.0 | 95.3 | 95.9 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 700 | 76.6 | 83.8 | 86.4 | 90.0 | 91.3 | 91.6 | 93.6 | 94.7 | 95.7 | 96.3 | 96.9 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 600 | 76.6 | 83.8 | 86.4 | 90.1 | 91.4 | 91.7 | 93.7 | 94.9 | 96.0 | 96.7 | 97.5 | 97.7 | 98.2 | 98.3 | 98.3 | 98.3 |
| ≥ 500 | 76.6 | 83.8 | 86.4 | 90.1 | 91.4 | 91.8 | 94.0 | 95.3 | 96.5 | 97.3 | 98.3 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 76.6 | 83.8 | 86.4 | 90.1 | 91.4 | 91.8 | 94.1 | 95.4 | 96.7 | 97.5 | 98.7 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 76.6 | 83.8 | 86.4 | 90.1 | 91.4 | 91.8 | 94.1 | 95.5 | 96.8 | 97.6 | 98.8 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 76.6 | 83.8 | 86.4 | 90.1 | 91.4 | 91.8 | 94.1 | 95.5 | 96.8 | 97.6 | 98.8 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 76.6 | 83.8 | 86.4 | 90.1 | 91.4 | 91.8 | 94.1 | 95.5 | 96.8 | 97.6 | 98.8 | 99.3 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 76.6 | 83.8 | 86.4 | 90.1 | 91.4 | 91.8 | 94.1 | 95.5 | 96.8 | 97.6 | 98.8 | 99.3 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC 0-14-5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

69-76

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 50.8 | 53.0 | 53.4 | 53.9 | 54.3 | 54.5 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| ≥ 20000 | 53.7 | 55.9 | 56.4 | 56.9 | 57.2 | 57.4 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 18000 | 54.1 | 56.4 | 56.9 | 57.3 | 57.7 | 57.9 | 58.0 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 |
| ≥ 16000 | 54.4 | 56.6 | 57.1 | 57.6 | 57.9 | 58.2 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.5 |
| ≥ 14000 | 55.0 | 57.3 | 57.8 | 58.3 | 58.6 | 58.9 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 |
| ≥ 12000 | 55.7 | 58.0 | 58.5 | 59.0 | 59.3 | 59.6 | 59.7 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.9 |
| ≥ 10000 | 57.1 | 59.6 | 60.0 | 60.5 | 60.9 | 61.1 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.5 |
| ≥ 9000 | 57.1 | 59.7 | 60.2 | 60.6 | 61.0 | 61.2 | 61.3 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.6 |
| ≥ 8000 | 58.0 | 60.6 | 61.1 | 61.6 | 61.9 | 62.2 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 |
| ≥ 7000 | 59.0 | 61.7 | 62.2 | 62.6 | 63.0 | 63.2 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.6 |
| ≥ 6000 | 60.4 | 63.8 | 64.4 | 64.9 | 65.2 | 65.5 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.8 |
| ≥ 5000 | 62.3 | 66.1 | 66.8 | 67.4 | 67.7 | 68.0 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.3 |
| ≥ 4500 | 62.8 | 66.8 | 67.5 | 68.2 | 68.6 | 68.8 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 |
| ≥ 4000 | 64.5 | 68.7 | 69.4 | 70.1 | 70.6 | 70.8 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.2 |
| ≥ 3500 | 66.3 | 70.6 | 71.4 | 72.1 | 72.6 | 72.9 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.4 |
| ≥ 3000 | 69.4 | 74.1 | 74.9 | 75.7 | 76.4 | 76.8 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 |
| ≥ 2500 | 70.3 | 75.5 | 76.4 | 77.4 | 78.1 | 78.6 | 78.8 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.1 |
| ≥ 2000 | 72.6 | 78.5 | 79.4 | 80.5 | 81.2 | 81.7 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.2 |
| ≥ 1800 | 72.9 | 79.1 | 80.0 | 81.3 | 82.0 | 82.6 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 |
| ≥ 1500 | 74.2 | 81.6 | 82.7 | 84.2 | 85.7 | 86.6 | 87.4 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 |
| ≥ 1200 | 74.7 | 82.9 | 84.2 | 86.8 | 87.7 | 88.7 | 89.6 | 90.0 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 |
| ≥ 1000 | 74.8 | 83.6 | 84.9 | 88.2 | 89.6 | 90.8 | 92.2 | 93.0 | 93.3 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.9 |
| ≥ 900 | 74.8 | 83.6 | 85.1 | 88.5 | 90.0 | 91.1 | 92.7 | 93.7 | 94.0 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.6 |
| ≥ 800 | 74.8 | 83.9 | 85.0 | 89.2 | 90.8 | 92.1 | 93.6 | 94.9 | 95.2 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.9 |
| ≥ 700 | 74.8 | 83.9 | 85.0 | 89.4 | 91.0 | 92.4 | 94.4 | 96.0 | 96.2 | 96.7 | 96.7 | 97.0 | 97.2 | 97.3 | 97.3 | 97.4 |
| ≥ 600 | 74.8 | 83.9 | 85.7 | 89.5 | 91.3 | 92.7 | 94.7 | 96.2 | 96.5 | 96.9 | 96.9 | 97.3 | 97.4 | 97.6 | 97.6 | 97.8 |
| ≥ 500 | 74.8 | 83.9 | 85.7 | 89.5 | 91.3 | 92.7 | 94.8 | 96.6 | 97.0 | 97.8 | 97.8 | 98.1 | 98.2 | 98.5 | 98.5 | 98.6 |
| ≥ 400 | 74.8 | 83.9 | 85.7 | 89.6 | 91.4 | 92.8 | 94.9 | 96.7 | 97.3 | 98.2 | 98.2 | 98.9 | 99.1 | 99.3 | 99.3 | 99.4 |
| ≥ 300 | 74.8 | 83.9 | 85.7 | 89.6 | 91.4 | 92.8 | 94.9 | 96.7 | 97.3 | 98.2 | 98.2 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 |
| ≥ 200 | 74.8 | 83.9 | 85.7 | 89.6 | 91.4 | 92.8 | 94.9 | 96.7 | 97.3 | 98.3 | 98.3 | 98.8 | 99.2 | 99.3 | 99.8 | 100.0 |
| ≥ 100 | 74.8 | 83.9 | 85.7 | 89.6 | 91.4 | 92.8 | 94.9 | 96.7 | 97.3 | 98.3 | 98.3 | 98.8 | 99.2 | 99.3 | 99.8 | 100.0 |
| ≥ 0 | 74.8 | 83.9 | 85.7 | 89.6 | 91.4 | 92.8 | 94.9 | 96.7 | 97.3 | 98.3 | 98.3 | 98.8 | 99.2 | 99.3 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 546

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

1976

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 71.2 | 57.5 | 54.3 | 54.8 | 55.1 | 55.1 | 55.3 | 55.3 | 55.4 | 55.4 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.9 |
| ≥ 20000 | 73.1 | 58.4 | 56.1 | 56.7 | 57.0 | 57.0 | 57.2 | 57.2 | 57.3 | 57.3 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.8 |
| ≥ 18000 | 53.3 | 55.7 | 56.4 | 57.0 | 57.2 | 57.2 | 57.4 | 57.4 | 57.6 | 57.6 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 58.0 |
| ≥ 16000 | 53.7 | 56.0 | 56.7 | 57.3 | 57.6 | 57.6 | 57.8 | 57.8 | 57.9 | 57.9 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.4 |
| ≥ 14000 | 54.3 | 56.6 | 57.3 | 57.9 | 58.2 | 58.2 | 58.4 | 58.4 | 58.5 | 58.5 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 59.0 |
| ≥ 12000 | 55.4 | 58.0 | 58.9 | 59.5 | 59.7 | 59.7 | 59.9 | 59.9 | 60.0 | 60.0 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.5 |
| ≥ 10000 | 56.4 | 59.0 | 59.8 | 60.4 | 60.6 | 60.6 | 60.9 | 60.9 | 61.0 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.5 |
| ≥ 9000 | 56.6 | 59.2 | 60.0 | 60.6 | 60.9 | 60.9 | 61.1 | 61.1 | 61.2 | 61.2 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.7 |
| ≥ 8000 | 57.0 | 59.7 | 60.5 | 61.1 | 61.3 | 61.3 | 61.6 | 61.6 | 61.7 | 61.7 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.2 |
| ≥ 7000 | 57.4 | 60.4 | 61.2 | 61.8 | 62.1 | 62.1 | 62.3 | 62.3 | 62.4 | 62.4 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.9 |
| ≥ 6000 | 59.5 | 63.0 | 63.8 | 64.4 | 64.7 | 64.7 | 64.9 | 64.9 | 65.0 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.5 |
| ≥ 5000 | 60.9 | 64.8 | 65.8 | 66.4 | 67.0 | 67.1 | 67.4 | 67.4 | 67.5 | 67.5 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 68.0 |
| ≥ 4500 | 61.7 | 65.8 | 66.9 | 67.5 | 68.1 | 68.2 | 68.4 | 68.4 | 68.6 | 68.6 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 69.0 |
| ≥ 4000 | 63.2 | 67.6 | 68.7 | 69.3 | 70.0 | 70.2 | 70.4 | 70.4 | 70.6 | 70.6 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 71.0 |
| ≥ 3500 | 64.4 | 69.0 | 70.1 | 70.7 | 71.5 | 71.7 | 72.0 | 72.0 | 72.1 | 72.1 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.6 |
| ≥ 3000 | 66.8 | 71.9 | 73.0 | 74.1 | 75.2 | 75.4 | 75.8 | 75.8 | 75.9 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.4 |
| ≥ 2500 | 68.1 | 73.2 | 74.3 | 75.4 | 76.6 | 76.8 | 77.2 | 77.2 | 77.3 | 77.3 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.8 |
| ≥ 2000 | 70.6 | 76.8 | 78.0 | 79.1 | 80.3 | 80.5 | 80.9 | 80.9 | 81.0 | 81.0 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.4 |
| ≥ 1800 | 71.3 | 77.7 | 79.0 | 80.1 | 81.3 | 81.6 | 81.9 | 81.9 | 82.0 | 82.0 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.5 |
| ≥ 1500 | 73.0 | 79.7 | 81.1 | 82.3 | 83.7 | 84.0 | 84.5 | 84.6 | 84.8 | 84.8 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.2 |
| ≥ 1200 | 74.5 | 81.7 | 83.5 | 85.4 | 86.9 | 87.6 | 88.1 | 88.8 | 89.0 | 89.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.6 |
| ≥ 1000 | 74.8 | 82.5 | 85.1 | 87.8 | 89.4 | 90.2 | 90.7 | 91.4 | 91.6 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.3 |
| ≥ 900 | 75.1 | 82.9 | 85.8 | 88.9 | 90.4 | 91.5 | 92.1 | 93.0 | 93.3 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 94.0 |
| ≥ 800 | 75.1 | 83.0 | 86.1 | 89.1 | 90.8 | 91.8 | 92.6 | 94.0 | 94.3 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 95.0 |
| ≥ 700 | 75.1 | 83.0 | 86.1 | 89.4 | 91.1 | 92.2 | 93.1 | 94.7 | 95.2 | 95.5 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.2 |
| ≥ 600 | 75.1 | 83.0 | 86.1 | 89.5 | 91.7 | 92.9 | 93.9 | 95.7 | 96.3 | 96.7 | 97.0 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 |
| ≥ 500 | 75.1 | 83.0 | 86.1 | 89.5 | 92.0 | 93.4 | 94.4 | 96.3 | 96.9 | 97.3 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.5 |
| ≥ 400 | 75.1 | 83.0 | 86.1 | 89.5 | 92.1 | 93.5 | 94.6 | 96.5 | 97.0 | 97.5 | 98.3 | 98.7 | 98.7 | 98.7 | 98.8 | 99.1 |
| ≥ 300 | 75.1 | 83.0 | 86.1 | 89.5 | 92.1 | 93.5 | 94.6 | 96.5 | 97.0 | 97.5 | 98.5 | 98.8 | 98.9 | 98.9 | 99.1 | 99.4 |
| ≥ 200 | 75.1 | 83.0 | 86.1 | 89.5 | 92.1 | 93.5 | 94.6 | 96.5 | 97.2 | 97.6 | 98.0 | 99.1 | 99.2 | 99.2 | 99.3 | 99.8 |
| ≥ 100 | 75.1 | 83.0 | 86.1 | 89.5 | 92.1 | 93.5 | 94.6 | 96.5 | 97.2 | 97.6 | 98.0 | 99.1 | 99.2 | 99.2 | 99.3 | 100.0 |
| ≥ 0 | 75.1 | 83.0 | 86.1 | 89.5 | 92.1 | 93.5 | 94.6 | 96.5 | 97.2 | 97.6 | 98.0 | 99.1 | 99.2 | 99.2 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

09-78

FEJ

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 48.6 | 51.5 | 52.4 | 52.9 | 53.3 | 53.5 | 53.8 | 53.9 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.3 | 54.3 | 54.4 |
| ≥ 20000 | 50.7 | 53.8 | 54.7 | 55.3 | 55.6 | 55.8 | 56.2 | 56.3 | 56.4 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.8 |
| ≥ 18000 | 51.2 | 54.3 | 55.2 | 55.7 | 56.1 | 56.3 | 56.6 | 56.8 | 56.9 | 56.9 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.3 |
| ≥ 16000 | 51.4 | 54.5 | 55.5 | 56.0 | 56.4 | 56.6 | 56.9 | 57.1 | 57.1 | 57.2 | 57.3 | 57.3 | 57.4 | 57.4 | 57.4 | 57.6 |
| ≥ 14000 | 52.3 | 55.4 | 56.4 | 56.9 | 57.3 | 57.5 | 57.9 | 58.0 | 58.1 | 58.2 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 | 58.5 |
| ≥ 12000 | 53.5 | 56.6 | 57.8 | 58.3 | 58.7 | 58.9 | 59.2 | 59.4 | 59.5 | 59.5 | 59.6 | 59.6 | 59.7 | 59.7 | 59.7 | 59.9 |
| ≥ 10000 | 54.9 | 58.3 | 59.3 | 59.9 | 60.3 | 60.4 | 60.8 | 61.0 | 61.1 | 61.1 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.5 |
| ≥ 9000 | 55.2 | 58.7 | 59.7 | 60.3 | 60.7 | 60.9 | 61.3 | 61.4 | 61.5 | 61.5 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.9 |
| ≥ 8000 | 56.1 | 59.5 | 60.5 | 61.1 | 61.5 | 61.7 | 62.1 | 62.2 | 62.3 | 62.4 | 62.5 | 62.5 | 62.5 | 62.6 | 62.6 | 62.7 |
| ≥ 7000 | 57.1 | 60.6 | 61.7 | 62.3 | 62.7 | 62.9 | 63.3 | 63.4 | 63.5 | 63.6 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.9 |
| ≥ 6000 | 58.5 | 62.4 | 63.5 | 64.1 | 64.5 | 64.7 | 65.2 | 65.4 | 65.4 | 65.5 | 65.6 | 65.6 | 65.6 | 65.7 | 65.7 | 65.8 |
| ≥ 5000 | 60.6 | 64.9 | 66.1 | 66.7 | 67.2 | 67.4 | 67.9 | 68.1 | 68.2 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.6 |
| ≥ 4500 | 61.3 | 65.7 | 67.0 | 67.7 | 68.3 | 68.5 | 69.0 | 69.2 | 69.3 | 69.4 | 69.5 | 69.5 | 69.5 | 69.6 | 69.6 | 69.7 |
| ≥ 4000 | 62.6 | 67.3 | 68.5 | 69.3 | 69.9 | 70.2 | 70.7 | 70.9 | 71.0 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.4 |
| ≥ 3500 | 63.5 | 68.3 | 69.6 | 70.4 | 71.1 | 71.4 | 72.0 | 72.3 | 72.3 | 72.4 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 | 72.7 |
| ≥ 3000 | 65.9 | 70.7 | 72.1 | 73.0 | 73.9 | 74.3 | 74.9 | 75.2 | 75.3 | 75.4 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.8 |
| ≥ 2500 | 66.8 | 72.4 | 73.9 | 74.9 | 75.9 | 76.3 | 77.0 | 77.4 | 77.5 | 77.6 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 78.0 |
| ≥ 2000 | 68.6 | 75.0 | 76.7 | 77.8 | 78.9 | 79.3 | 80.1 | 80.5 | 80.7 | 80.8 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.1 |
| ≥ 1800 | 69.0 | 75.6 | 77.3 | 78.5 | 79.7 | 80.1 | 80.9 | 81.4 | 81.5 | 81.6 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 82.0 |
| ≥ 1500 | 70.2 | 77.8 | 79.8 | 81.2 | 82.2 | 83.1 | 84.0 | 84.6 | 84.9 | 85.0 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.5 |
| ≥ 1200 | 70.8 | 79.5 | 81.7 | 83.4 | 84.8 | 85.5 | 86.6 | 87.5 | 87.8 | 88.0 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.6 |
| ≥ 1000 | 71.1 | 80.4 | 83.0 | 85.2 | 86.9 | 87.8 | 89.0 | 90.1 | 90.5 | 90.8 | 91.1 | 91.2 | 91.4 | 91.3 | 91.3 | 91.4 |
| ≥ 900 | 71.1 | 80.7 | 83.4 | 85.7 | 87.8 | 88.7 | 90.0 | 91.3 | 91.7 | 92.0 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.7 |
| ≥ 800 | 71.2 | 81.0 | 83.9 | 86.4 | 88.5 | 89.6 | 91.1 | 92.6 | 93.1 | 93.6 | 93.9 | 94.0 | 94.1 | 94.1 | 94.2 | 94.3 |
| ≥ 700 | 71.3 | 81.1 | 84.0 | 86.7 | 89.1 | 90.2 | 91.8 | 93.5 | 94.1 | 94.6 | 95.1 | 95.2 | 95.3 | 95.4 | 95.4 | 95.6 |
| ≥ 600 | 71.3 | 81.2 | 84.1 | 86.9 | 89.5 | 90.7 | 92.4 | 94.4 | 95.1 | 95.7 | 96.3 | 96.5 | 96.6 | 96.7 | 96.7 | 96.9 |
| ≥ 500 | 71.3 | 81.2 | 84.1 | 86.9 | 89.6 | 90.9 | 92.7 | 94.9 | 95.7 | 96.6 | 97.3 | 97.5 | 97.7 | 97.7 | 97.8 | 98.0 |
| ≥ 400 | 71.3 | 81.2 | 84.1 | 86.9 | 89.6 | 91.0 | 92.9 | 95.1 | 96.1 | 97.1 | 98.0 | 98.3 | 98.5 | 98.6 | 98.7 | 98.9 |
| ≥ 300 | 71.3 | 81.2 | 84.1 | 86.9 | 89.6 | 91.0 | 92.9 | 95.1 | 96.2 | 97.3 | 98.3 | 98.6 | 99.0 | 99.2 | 99.3 | 99.5 |
| ≥ 200 | 71.3 | 81.2 | 84.1 | 86.9 | 89.6 | 91.0 | 92.9 | 95.1 | 96.2 | 97.4 | 98.4 | 98.7 | 99.1 | 99.3 | 99.4 | 99.8 |
| ≥ 100 | 71.3 | 81.2 | 84.1 | 86.9 | 89.6 | 91.0 | 92.9 | 95.1 | 96.2 | 97.4 | 98.4 | 98.7 | 99.1 | 99.3 | 99.4 | 99.9 |
| ≥ 0 | 71.3 | 81.2 | 84.1 | 86.9 | 89.6 | 91.0 | 92.9 | 95.1 | 96.2 | 97.4 | 98.4 | 98.7 | 99.1 | 99.3 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949 OFFUTT AFB NE

9-71

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

| CEILING FEET | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 49.5 | 51.7 | 52.4 | 52.5 | 53.0 | 53.1 | 53.2 | 53.8 | 53.9 | 54.3 | 54.4 | 54.4 | 54.5 | 54.5 | 54.6 | 54.6 |
| ≥ 20000 | 51.0 | 53.5 | 54.2 | 54.3 | 54.8 | 54.9 | 55.1 | 55.6 | 55.7 | 56.1 | 56.2 | 56.2 | 56.5 | 56.5 | 56.6 | 56.6 |
| ≥ 18000 | 51.3 | 53.9 | 54.5 | 54.6 | 55.2 | 55.3 | 55.4 | 55.9 | 56.0 | 56.5 | 56.6 | 56.6 | 56.8 | 56.8 | 56.9 | 56.9 |
| ≥ 16000 | 51.8 | 54.5 | 55.2 | 55.3 | 55.8 | 55.9 | 56.0 | 56.6 | 56.7 | 57.1 | 57.2 | 57.2 | 57.4 | 57.4 | 57.5 | 57.5 |
| ≥ 14000 | 53.5 | 56.2 | 56.9 | 57.0 | 57.6 | 57.7 | 57.8 | 58.4 | 58.5 | 58.9 | 59.0 | 59.0 | 59.2 | 59.2 | 59.4 | 59.4 |
| ≥ 12000 | 54.3 | 57.0 | 57.0 | 58.1 | 58.7 | 58.8 | 58.9 | 59.5 | 59.6 | 60.0 | 60.1 | 60.1 | 60.3 | 60.3 | 60.4 | 60.4 |
| ≥ 10000 | 56.3 | 59.1 | 59.8 | 60.3 | 61.0 | 61.1 | 61.2 | 61.7 | 61.8 | 62.3 | 62.4 | 62.4 | 62.6 | 62.6 | 62.7 | 62.7 |
| ≥ 9000 | 57.0 | 60.0 | 60.6 | 61.2 | 61.8 | 61.9 | 62.0 | 62.6 | 62.7 | 63.1 | 63.2 | 63.2 | 63.4 | 63.4 | 63.5 | 63.5 |
| ≥ 8000 | 58.0 | 61.1 | 61.7 | 62.3 | 62.9 | 63.0 | 63.1 | 63.7 | 63.8 | 64.2 | 64.3 | 64.3 | 64.5 | 64.5 | 64.6 | 64.6 |
| ≥ 7000 | 59.4 | 62.5 | 63.1 | 63.7 | 64.3 | 64.5 | 64.6 | 65.2 | 65.3 | 65.7 | 65.8 | 65.8 | 66.0 | 66.0 | 66.1 | 66.1 |
| ≥ 6000 | 61.0 | 64.2 | 64.9 | 65.6 | 66.2 | 66.5 | 66.6 | 67.1 | 67.2 | 67.6 | 67.7 | 67.7 | 68.0 | 68.0 | 68.1 | 68.1 |
| ≥ 5000 | 63.4 | 67.1 | 67.8 | 68.5 | 69.1 | 69.4 | 69.6 | 70.1 | 70.2 | 70.6 | 70.8 | 70.8 | 71.0 | 71.0 | 71.1 | 71.1 |
| ≥ 4500 | 64.2 | 68.2 | 68.9 | 69.6 | 70.2 | 70.4 | 70.6 | 71.2 | 71.3 | 71.7 | 71.8 | 71.8 | 72.0 | 72.0 | 72.2 | 72.2 |
| ≥ 4000 | 65.7 | 70.0 | 70.8 | 71.5 | 72.2 | 72.4 | 72.6 | 73.1 | 73.2 | 73.7 | 73.8 | 73.8 | 74.0 | 74.0 | 74.1 | 74.1 |
| ≥ 3500 | 66.6 | 71.1 | 71.9 | 72.7 | 73.3 | 73.5 | 73.8 | 74.3 | 74.4 | 74.8 | 74.9 | 74.9 | 75.2 | 75.2 | 75.3 | 75.3 |
| ≥ 3000 | 68.2 | 73.7 | 74.6 | 75.4 | 76.2 | 76.5 | 76.7 | 77.2 | 77.3 | 77.7 | 77.8 | 77.8 | 78.1 | 78.1 | 78.2 | 78.2 |
| ≥ 2500 | 69.5 | 74.9 | 76.0 | 77.0 | 78.0 | 78.3 | 78.5 | 79.0 | 79.1 | 79.6 | 79.7 | 79.7 | 79.9 | 79.9 | 80.0 | 80.0 |
| ≥ 2000 | 71.4 | 77.2 | 78.6 | 79.7 | 80.6 | 81.0 | 81.2 | 81.7 | 81.8 | 82.3 | 82.4 | 82.4 | 82.6 | 82.6 | 82.7 | 82.7 |
| ≥ 1800 | 72.0 | 78.1 | 79.5 | 80.6 | 81.6 | 81.9 | 82.2 | 82.7 | 82.8 | 83.2 | 83.3 | 83.3 | 83.5 | 83.5 | 83.7 | 83.7 |
| ≥ 1500 | 74.2 | 81.0 | 82.7 | 84.1 | 85.7 | 86.0 | 86.3 | 86.9 | 87.0 | 87.4 | 87.5 | 87.5 | 87.7 | 87.7 | 87.8 | 87.8 |
| ≥ 1200 | 74.8 | 82.5 | 84.3 | 85.8 | 87.7 | 88.1 | 88.5 | 89.0 | 89.1 | 89.6 | 89.7 | 89.7 | 89.9 | 89.9 | 90.0 | 90.0 |
| ≥ 1000 | 74.9 | 83.1 | 85.1 | 87.2 | 89.6 | 90.0 | 90.9 | 91.5 | 91.8 | 92.4 | 92.5 | 92.5 | 92.7 | 92.7 | 92.8 | 92.8 |
| ≥ 900 | 75.3 | 83.8 | 86.0 | 88.2 | 90.5 | 91.1 | 91.9 | 92.6 | 92.9 | 93.5 | 93.7 | 93.7 | 93.9 | 93.9 | 94.0 | 94.0 |
| ≥ 800 | 75.4 | 83.9 | 86.1 | 88.5 | 91.1 | 91.8 | 92.7 | 93.4 | 93.8 | 94.4 | 94.5 | 94.5 | 94.9 | 94.9 | 95.1 | 95.1 |
| ≥ 700 | 75.4 | 84.3 | 86.8 | 89.1 | 91.7 | 92.6 | 93.4 | 94.3 | 94.6 | 95.4 | 95.5 | 95.5 | 95.9 | 95.9 | 96.0 | 96.0 |
| ≥ 600 | 75.4 | 84.3 | 86.8 | 89.2 | 92.0 | 93.0 | 94.0 | 94.8 | 95.2 | 96.0 | 96.1 | 96.1 | 96.6 | 96.6 | 96.7 | 96.7 |
| ≥ 500 | 75.4 | 84.3 | 86.8 | 89.4 | 92.4 | 93.3 | 94.6 | 95.5 | 96.0 | 96.9 | 97.0 | 97.0 | 97.4 | 97.4 | 97.5 | 97.5 |
| ≥ 400 | 75.4 | 84.4 | 86.9 | 89.5 | 92.6 | 93.5 | 94.8 | 95.8 | 96.5 | 97.3 | 97.4 | 97.4 | 97.8 | 97.8 | 98.0 | 98.0 |
| ≥ 300 | 75.4 | 84.4 | 86.9 | 89.5 | 92.6 | 93.5 | 94.8 | 95.8 | 96.9 | 97.7 | 97.8 | 97.8 | 98.3 | 98.3 | 98.4 | 98.4 |
| ≥ 200 | 75.4 | 84.4 | 86.9 | 89.5 | 92.6 | 93.5 | 94.8 | 95.8 | 97.1 | 98.2 | 98.4 | 98.5 | 98.9 | 98.9 | 99.1 | 99.2 |
| ≥ 100 | 75.4 | 84.4 | 86.9 | 89.5 | 92.6 | 93.5 | 94.8 | 96.5 | 97.1 | 98.2 | 98.4 | 98.5 | 98.9 | 99.2 | 99.6 | 99.9 |
| ≥ 0 | 75.4 | 84.4 | 86.9 | 89.5 | 92.6 | 93.5 | 94.8 | 96.5 | 97.1 | 98.2 | 98.4 | 98.5 | 98.9 | 99.2 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

09-70

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 40.7 | 40.7 | 50.3 | 50.9 | 51.5 | 51.8 | 52.0 | 52.3 | 52.5 | 52.7 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 20000 | 40.6 | 51.6 | 52.4 | 52.8 | 53.4 | 53.8 | 54.0 | 54.2 | 54.4 | 54.6 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 18000 | 40.8 | 51.8 | 52.5 | 53.0 | 53.7 | 54.0 | 54.2 | 54.4 | 54.6 | 54.8 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 16000 | 40.9 | 51.9 | 52.6 | 53.1 | 53.8 | 54.1 | 54.3 | 54.5 | 54.7 | 54.9 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 14000 | 49.8 | 52.8 | 53.4 | 54.0 | 54.6 | 54.9 | 55.2 | 55.4 | 55.6 | 55.8 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 12000 | 51.0 | 54.0 | 54.6 | 55.4 | 56.1 | 56.5 | 56.7 | 56.9 | 57.1 | 57.3 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| ≥ 10000 | 52.9 | 55.9 | 56.7 | 57.4 | 58.3 | 58.6 | 58.8 | 59.0 | 59.2 | 59.5 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 9000 | 53.5 | 56.6 | 57.3 | 58.2 | 59.0 | 59.4 | 59.6 | 59.8 | 60.0 | 60.2 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 8000 | 54.8 | 57.8 | 58.7 | 59.6 | 60.4 | 60.8 | 61.0 | 61.2 | 61.4 | 61.6 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| ≥ 7000 | 50.1 | 59.1 | 60.0 | 60.9 | 61.7 | 62.0 | 62.3 | 62.5 | 62.7 | 62.9 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 6000 | 58.3 | 61.4 | 62.3 | 63.1 | 64.0 | 64.3 | 64.5 | 64.7 | 64.9 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 5000 | 61.0 | 64.8 | 65.8 | 66.8 | 67.8 | 68.2 | 68.4 | 68.6 | 68.8 | 69.0 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 4500 | 61.0 | 65.7 | 66.8 | 67.8 | 68.9 | 69.2 | 69.5 | 69.7 | 69.9 | 70.1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 4000 | 62.2 | 67.0 | 68.1 | 69.2 | 70.4 | 70.8 | 71.0 | 71.2 | 71.4 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 3500 | 63.2 | 67.7 | 68.8 | 70.0 | 71.4 | 71.7 | 71.9 | 72.2 | 72.4 | 72.6 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 3000 | 64.9 | 70.0 | 71.1 | 72.3 | 73.7 | 74.0 | 74.2 | 74.4 | 74.6 | 74.8 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 2500 | 65.8 | 71.4 | 72.5 | 73.7 | 75.1 | 75.4 | 75.7 | 75.9 | 76.1 | 76.3 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 2000 | 68.3 | 74.3 | 75.7 | 77.1 | 78.9 | 79.2 | 79.5 | 79.8 | 80.1 | 80.3 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 1800 | 68.7 | 74.8 | 76.2 | 77.6 | 79.6 | 79.9 | 80.2 | 80.4 | 80.8 | 81.1 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 1500 | 70.2 | 76.6 | 78.0 | 80.2 | 82.2 | 82.5 | 82.8 | 83.1 | 83.4 | 84.0 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 1200 | 70.8 | 78.2 | 80.6 | 82.4 | 84.4 | 84.7 | 85.2 | 85.5 | 85.8 | 86.3 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 1000 | 71.2 | 79.2 | 82.0 | 84.1 | 86.6 | 87.0 | 87.7 | 88.1 | 88.4 | 88.9 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 900 | 71.2 | 79.8 | 82.9 | 85.4 | 88.3 | 88.7 | 89.5 | 89.8 | 90.1 | 90.6 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 800 | 71.2 | 79.9 | 83.1 | 85.8 | 89.1 | 89.6 | 90.5 | 91.0 | 91.3 | 91.8 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 700 | 71.2 | 80.3 | 83.5 | 86.3 | 89.7 | 90.3 | 91.3 | 91.9 | 92.3 | 92.8 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 600 | 71.2 | 80.4 | 83.7 | 86.6 | 90.3 | 91.0 | 92.6 | 93.2 | 93.5 | 94.1 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 500 | 71.2 | 80.4 | 83.7 | 86.6 | 90.4 | 91.1 | 92.9 | 93.9 | 94.5 | 95.1 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 400 | 71.2 | 80.5 | 83.8 | 86.8 | 91.0 | 91.6 | 93.5 | 94.5 | 95.2 | 95.7 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 300 | 71.2 | 80.5 | 83.8 | 86.9 | 91.2 | 91.8 | 93.9 | 94.8 | 95.7 | 96.3 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 200 | 71.2 | 80.5 | 83.8 | 86.9 | 91.2 | 91.9 | 94.0 | 95.2 | 96.3 | 97.2 | 97.8 | 98.1 | 98.3 | 98.3 | 98.3 | 98.8 |
| ≥ 100 | 71.2 | 80.5 | 83.8 | 86.9 | 91.2 | 91.9 | 94.0 | 95.2 | 96.3 | 97.2 | 97.8 | 98.1 | 98.3 | 98.4 | 98.6 | 99.4 |
| ≥ 0 | 71.2 | 80.5 | 83.8 | 86.9 | 91.2 | 91.9 | 94.0 | 95.2 | 96.4 | 97.2 | 97.8 | 98.1 | 98.3 | 98.4 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE

STATION NAME

1976

YEAR

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0300
HOURS UTC

| CEILING, FEET | | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|------|--------------------------|------|------|------|------|-------|------|-------|------|--------|-------|--------|--------|-------|--------|--|
| | | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.75 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | |
| NO CEILING ≥ 20000 | 44.0 | 47.5 | 48.2 | 48.7 | 49.5 | 49.5 | 51.1 | 50.4 | 50.6 | 50.9 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.2 | |
| | 43.9 | 49.6 | 50.3 | 50.9 | 51.6 | 51.8 | 52.5 | 52.8 | 53.0 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.7 | |
| ≥ 18000 ≥ 16000 | 46.5 | 50.1 | 51.0 | 51.5 | 52.3 | 52.5 | 53.1 | 53.4 | 53.7 | 54.0 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.3 | |
| | 46.6 | 50.2 | 51.1 | 51.6 | 52.4 | 52.6 | 53.2 | 53.5 | 53.8 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.4 | |
| ≥ 14000 ≥ 12000 | 47.5 | 51.2 | 52.2 | 52.8 | 53.5 | 53.8 | 54.4 | 54.7 | 54.9 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.6 | |
| | 48.6 | 52.3 | 53.2 | 53.9 | 54.6 | 54.8 | 55.5 | 55.9 | 56.1 | 56.5 | 56.6 | 56.6 | 56.6 | 56.7 | 56.7 | 56.9 | |
| ≥ 11000 ≥ 9000 | 50.2 | 54.0 | 54.9 | 55.6 | 56.3 | 56.6 | 57.2 | 57.6 | 57.8 | 58.2 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 | 58.6 | |
| | 50.9 | 54.7 | 55.7 | 56.3 | 57.2 | 57.4 | 58.1 | 58.5 | 58.7 | 59.0 | 59.1 | 59.1 | 59.1 | 59.2 | 59.2 | 59.5 | |
| ≥ 8000 ≥ 7000 | 51.7 | 55.6 | 56.6 | 57.3 | 58.2 | 58.4 | 59.0 | 59.7 | 59.9 | 60.2 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 | 60.6 | |
| | 52.4 | 56.5 | 57.4 | 58.2 | 59.0 | 59.2 | 59.9 | 60.6 | 60.9 | 61.2 | 61.3 | 61.3 | 61.3 | 61.4 | 61.4 | 61.6 | |
| ≥ 6000 ≥ 5000 | 53.3 | 57.6 | 58.7 | 59.7 | 60.5 | 60.8 | 61.4 | 62.2 | 62.4 | 62.7 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 | 63.1 | |
| | 55.9 | 61.2 | 62.4 | 63.5 | 64.5 | 64.7 | 65.4 | 66.1 | 66.3 | 66.7 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 67.2 | |
| ≥ 4500 ≥ 4000 | 56.6 | 61.9 | 63.1 | 64.3 | 65.3 | 65.5 | 66.1 | 67.0 | 67.2 | 67.5 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 68.1 | |
| | 57.8 | 63.3 | 64.5 | 65.7 | 66.8 | 67.0 | 67.7 | 68.6 | 68.8 | 69.1 | 69.2 | 69.2 | 69.2 | 69.4 | 69.4 | 69.7 | |
| ≥ 3500 ≥ 3000 | 58.5 | 64.2 | 65.4 | 66.7 | 67.8 | 68.1 | 68.8 | 69.7 | 69.9 | 70.2 | 70.3 | 70.3 | 70.3 | 70.4 | 70.4 | 70.8 | |
| | 60.0 | 66.1 | 67.3 | 68.7 | 69.9 | 70.1 | 71.0 | 71.8 | 72.0 | 72.4 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 | 72.9 | |
| ≥ 2500 ≥ 2000 | 61.7 | 68.3 | 69.5 | 70.9 | 72.0 | 72.3 | 73.1 | 74.0 | 74.2 | 74.5 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 | 75.1 | |
| | 63.1 | 70.4 | 71.6 | 73.0 | 74.2 | 74.4 | 75.4 | 76.3 | 76.6 | 76.9 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.4 | |
| ≥ 1800 ≥ 1500 | 64.1 | 71.6 | 72.8 | 74.3 | 75.5 | 75.7 | 76.7 | 77.6 | 77.8 | 78.2 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.7 | |
| | 65.9 | 74.2 | 75.6 | 77.2 | 78.5 | 78.8 | 79.9 | 81.0 | 81.2 | 81.5 | 81.7 | 81.7 | 81.7 | 81.8 | 81.9 | 82.3 | |
| ≥ 1200 ≥ 1000 | 67.5 | 76.8 | 78.3 | 80.1 | 81.8 | 82.3 | 83.4 | 84.6 | 85.1 | 85.4 | 85.7 | 85.8 | 85.8 | 85.9 | 86.0 | 86.3 | |
| | 67.7 | 77.5 | 79.1 | 81.4 | 83.4 | 84.1 | 85.8 | 87.3 | 87.8 | 88.3 | 88.7 | 88.8 | 88.8 | 88.9 | 89.0 | 89.4 | |
| ≥ 900 ≥ 800 | 68.0 | 78.2 | 79.8 | 82.2 | 84.2 | 85.1 | 86.8 | 88.3 | 88.8 | 89.2 | 89.7 | 89.9 | 89.9 | 90.0 | 90.1 | 90.4 | |
| | 68.0 | 78.5 | 80.1 | 82.6 | 84.8 | 85.7 | 87.6 | 89.2 | 89.8 | 90.3 | 91.0 | 91.2 | 91.3 | 91.4 | 91.4 | 91.7 | |
| ≥ 700 ≥ 600 | 68.1 | 78.7 | 80.3 | 82.9 | 85.3 | 86.1 | 88.1 | 89.8 | 90.4 | 91.0 | 91.6 | 91.8 | 91.9 | 92.0 | 92.0 | 92.4 | |
| | 68.1 | 78.9 | 80.5 | 83.1 | 85.7 | 86.6 | 88.9 | 91.1 | 91.7 | 92.4 | 93.0 | 93.3 | 93.4 | 93.5 | 93.5 | 93.9 | |
| ≥ 500 ≥ 400 | 68.1 | 78.9 | 80.6 | 83.2 | 85.8 | 86.7 | 89.1 | 91.6 | 92.5 | 93.2 | 93.9 | 94.2 | 94.3 | 94.5 | 94.5 | 94.8 | |
| | 68.1 | 79.0 | 80.6 | 83.3 | 86.2 | 87.1 | 89.6 | 92.4 | 93.3 | 94.2 | 94.9 | 95.4 | 95.5 | 95.8 | 95.8 | 96.1 | |
| ≥ 300 ≥ 200 | 68.1 | 79.0 | 80.8 | 83.4 | 86.5 | 87.3 | 89.8 | 92.9 | 94.1 | 95.1 | 96.1 | 96.7 | 96.8 | 97.2 | 97.2 | 97.5 | |
| | 68.1 | 79.0 | 80.8 | 83.4 | 86.5 | 87.3 | 89.8 | 93.1 | 94.5 | 95.6 | 96.8 | 97.3 | 97.4 | 98.1 | 98.1 | 98.7 | |
| ≥ 100 ≥ 50 | 68.1 | 79.0 | 80.8 | 83.4 | 86.5 | 87.3 | 89.8 | 93.2 | 94.6 | 95.7 | 97.1 | 97.6 | 97.7 | 98.5 | 98.6 | 99.8 | |
| | 68.1 | 79.0 | 80.8 | 83.4 | 86.5 | 87.3 | 89.8 | 93.2 | 94.6 | 95.7 | 97.1 | 97.6 | 97.7 | 98.5 | 98.8 | 100.0 | |

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFUTT AFB NE

69-76

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 42.3 | 44.5 | 44.7 | 45.4 | 45.5 | 45.5 | 45.9 | 46.1 | 46.1 | 46.1 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| ≥ 20000 | 45.2 | 47.7 | 48.0 | 48.7 | 48.8 | 48.8 | 49.2 | 49.5 | 49.5 | 49.5 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| ≥ 18000 | 45.5 | 48.1 | 48.5 | 49.0 | 49.1 | 49.1 | 49.6 | 49.8 | 49.8 | 49.8 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| ≥ 16000 | 45.7 | 48.3 | 48.5 | 49.2 | 49.4 | 49.4 | 49.8 | 50.0 | 50.0 | 50.0 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| ≥ 14000 | 46.8 | 49.9 | 50.0 | 50.8 | 51.1 | 51.1 | 51.5 | 51.7 | 51.7 | 51.7 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| ≥ 12000 | 47.2 | 50.4 | 50.6 | 51.4 | 51.7 | 51.8 | 52.5 | 52.7 | 52.7 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| ≥ 10000 | 50.1 | 53.5 | 53.8 | 54.6 | 54.9 | 55.1 | 55.7 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| ≥ 9000 | 50.6 | 54.1 | 54.3 | 55.3 | 55.6 | 55.7 | 56.3 | 56.9 | 56.9 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| ≥ 8000 | 52.2 | 55.8 | 56.0 | 57.1 | 57.4 | 57.5 | 58.2 | 58.7 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 7000 | 53.3 | 57.3 | 57.5 | 58.6 | 58.9 | 59.0 | 59.7 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 |
| ≥ 6000 | 54.9 | 59.0 | 59.2 | 60.3 | 60.6 | 60.8 | 61.4 | 61.9 | 61.9 | 61.9 | 62.0 | 62.0 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 5000 | 56.8 | 61.1 | 61.3 | 62.4 | 62.7 | 62.8 | 63.5 | 64.1 | 64.1 | 64.1 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 4500 | 57.1 | 61.5 | 61.7 | 62.8 | 63.1 | 63.2 | 64.1 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 4000 | 58.1 | 62.8 | 63.0 | 64.1 | 64.4 | 64.5 | 65.4 | 65.9 | 65.9 | 65.9 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 3500 | 59.0 | 63.8 | 64.0 | 65.2 | 65.5 | 65.6 | 66.5 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥ 3000 | 60.9 | 65.6 | 65.8 | 67.0 | 67.3 | 67.4 | 68.2 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 2500 | 63.4 | 68.8 | 69.2 | 70.4 | 71.1 | 71.2 | 72.2 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 2000 | 66.3 | 72.6 | 73.1 | 74.4 | 75.1 | 75.2 | 76.5 | 77.1 | 77.1 | 77.1 | 77.4 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 1800 | 67.2 | 73.5 | 74.2 | 75.6 | 76.2 | 76.3 | 77.6 | 78.4 | 78.4 | 78.4 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 1500 | 68.3 | 75.8 | 77.0 | 78.6 | 79.4 | 79.8 | 81.2 | 81.9 | 82.3 | 82.3 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 1200 | 69.4 | 77.5 | 79.0 | 80.6 | 81.6 | 82.2 | 83.7 | 84.6 | 85.2 | 85.3 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 1000 | 69.7 | 78.3 | 80.0 | 81.8 | 83.0 | 83.7 | 85.4 | 86.7 | 87.2 | 87.3 | 87.7 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 900 | 69.8 | 78.5 | 80.4 | 82.3 | 83.4 | 84.1 | 86.1 | 87.7 | 88.3 | 88.4 | 88.8 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 800 | 70.0 | 79.1 | 81.2 | 83.4 | 84.8 | 85.5 | 87.5 | 89.4 | 90.0 | 90.1 | 90.5 | 90.6 | 90.8 | 90.8 | 90.8 | 90.9 |
| ≥ 700 | 70.2 | 79.8 | 81.9 | 84.2 | 85.9 | 86.6 | 88.8 | 90.6 | 91.3 | 91.4 | 91.9 | 92.0 | 92.2 | 92.2 | 92.2 | 92.3 |
| ≥ 600 | 70.2 | 79.9 | 82.0 | 84.3 | 86.2 | 87.1 | 89.4 | 91.2 | 91.8 | 92.2 | 92.8 | 93.0 | 93.1 | 93.2 | 93.2 | 93.3 |
| ≥ 500 | 70.2 | 79.9 | 82.0 | 84.3 | 86.2 | 87.1 | 89.8 | 91.6 | 92.3 | 92.7 | 93.3 | 93.5 | 93.9 | 94.0 | 94.0 | 94.1 |
| ≥ 400 | 70.2 | 79.9 | 82.0 | 84.3 | 86.3 | 87.2 | 89.9 | 92.4 | 93.4 | 94.1 | 95.1 | 95.4 | 95.8 | 95.9 | 96.2 | 96.2 |
| ≥ 300 | 70.2 | 79.9 | 82.0 | 84.3 | 86.3 | 87.2 | 89.9 | 92.5 | 93.7 | 94.6 | 95.7 | 96.0 | 96.5 | 96.7 | 96.8 | 97.0 |
| ≥ 200 | 70.2 | 79.9 | 82.0 | 84.3 | 86.3 | 87.2 | 89.9 | 92.7 | 94.1 | 95.2 | 96.9 | 97.5 | 98.0 | 98.3 | 98.6 | 99.2 |
| ≥ 100 | 70.2 | 79.9 | 82.0 | 84.3 | 86.3 | 87.2 | 89.9 | 92.7 | 94.1 | 95.2 | 97.0 | 97.6 | 98.1 | 98.4 | 98.9 | 99.7 |
| ≥ 0 | 70.2 | 79.9 | 82.0 | 84.3 | 86.3 | 87.2 | 89.9 | 92.7 | 94.1 | 95.2 | 97.0 | 97.6 | 98.1 | 98.5 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE

STATION NAME

9-76

YEAR

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS, LST

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 45.4 | 46.6 | 46.9 | 47.0 | 47.1 | 47.1 | 47.2 | 47.2 | 47.2 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| ≥ 20000 | 49.1 | 50.8 | 51.1 | 51.3 | 51.4 | 51.4 | 51.5 | 51.5 | 51.5 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 18000 | 49.5 | 51.2 | 51.5 | 51.7 | 51.8 | 51.8 | 51.9 | 51.9 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 16000 | 49.7 | 51.4 | 51.7 | 51.9 | 52.0 | 52.0 | 52.2 | 52.2 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 14000 | 50.5 | 52.4 | 52.7 | 52.9 | 53.0 | 53.0 | 53.1 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 12000 | 51.4 | 53.2 | 53.5 | 54.1 | 54.3 | 54.5 | 54.6 | 54.6 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| ≥ 10000 | 53.7 | 55.6 | 55.9 | 56.5 | 56.7 | 56.9 | 57.0 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| ≥ 9000 | 54.1 | 56.0 | 56.3 | 57.0 | 57.2 | 57.4 | 57.5 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 8000 | 55.8 | 58.1 | 58.5 | 59.2 | 59.5 | 59.7 | 59.8 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 7000 | 57.3 | 60.1 | 60.5 | 61.3 | 61.5 | 61.7 | 61.8 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 6000 | 59.4 | 61.7 | 62.4 | 63.1 | 63.3 | 63.5 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 5000 | 61.7 | 64.4 | 65.1 | 65.9 | 66.1 | 66.3 | 66.5 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 4000 | 61.9 | 64.6 | 65.3 | 66.1 | 66.3 | 66.6 | 66.7 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 3000 | 63.2 | 65.9 | 66.6 | 67.6 | 67.8 | 68.1 | 68.2 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 2500 | 64.8 | 67.5 | 68.5 | 69.4 | 69.6 | 69.8 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 2000 | 67.5 | 70.3 | 71.3 | 72.2 | 72.4 | 72.6 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 1800 | 69.8 | 72.7 | 73.7 | 74.5 | 74.7 | 74.9 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 1600 | 74.2 | 78.1 | 79.4 | 80.3 | 81.0 | 81.3 | 81.5 | 81.5 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 1400 | 74.6 | 78.9 | 80.3 | 81.5 | 82.2 | 82.5 | 82.7 | 82.7 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 1200 | 75.4 | 80.4 | 82.2 | 83.7 | 84.6 | 85.2 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 1000 | 75.9 | 81.7 | 83.7 | 85.3 | 86.6 | 87.2 | 87.4 | 87.6 | 87.7 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 900 | 76.1 | 83.0 | 85.3 | 86.9 | 88.4 | 89.0 | 89.4 | 90.1 | 90.3 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 800 | 76.1 | 83.1 | 85.4 | 87.2 | 88.8 | 89.5 | 89.9 | 90.8 | 91.2 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 700 | 76.2 | 83.8 | 86.0 | 87.8 | 89.5 | 90.1 | 91.1 | 92.0 | 92.6 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 600 | 76.2 | 83.8 | 86.0 | 87.8 | 89.5 | 90.1 | 91.1 | 92.0 | 92.6 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 500 | 76.2 | 83.9 | 86.5 | 88.8 | 90.8 | 91.9 | 93.0 | 94.7 | 95.4 | 96.0 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 400 | 76.2 | 83.9 | 86.5 | 88.8 | 90.8 | 91.9 | 93.1 | 95.1 | 96.2 | 97.0 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 300 | 76.2 | 83.9 | 86.5 | 88.8 | 90.8 | 92.0 | 93.3 | 95.3 | 96.5 | 97.5 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 200 | 76.2 | 83.9 | 86.5 | 88.8 | 90.8 | 92.0 | 93.3 | 95.3 | 96.5 | 97.6 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 100 | 76.2 | 83.9 | 86.5 | 88.8 | 90.8 | 92.0 | 93.3 | 95.3 | 96.5 | 97.6 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 0 | 76.2 | 83.9 | 86.5 | 88.8 | 90.8 | 92.0 | 93.3 | 95.3 | 96.5 | 97.6 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

09-7d

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥8 | ≥6 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 45.6 | 47.5 | 47.6 | 47.7 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 |
| ≥ 20000 | 50.0 | 52.2 | 52.3 | 52.4 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| ≥ 18000 | 51.0 | 53.1 | 53.2 | 53.3 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| ≥ 16000 | 51.2 | 53.3 | 53.4 | 53.5 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| ≥ 14000 | 52.0 | 54.4 | 54.5 | 54.6 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| ≥ 12000 | 52.3 | 55.9 | 56.0 | 56.1 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| ≥ 10000 | 55.1 | 57.8 | 58.0 | 58.1 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| ≥ 9000 | 55.5 | 58.3 | 58.4 | 58.5 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 8000 | 56.5 | 59.6 | 59.7 | 59.8 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| ≥ 7000 | 58.1 | 61.5 | 61.7 | 62.2 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 6000 | 60.3 | 63.9 | 64.3 | 64.7 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 5000 | 63.8 | 67.4 | 67.8 | 68.3 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 4500 | 64.1 | 67.7 | 68.2 | 68.6 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 4000 | 66.9 | 70.6 | 71.1 | 71.7 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 3500 | 68.2 | 72.0 | 72.7 | 73.1 | 73.5 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 3000 | 70.6 | 75.2 | 75.9 | 76.5 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 2500 | 73.8 | 78.6 | 79.4 | 80.7 | 80.4 | 80.5 | 80.8 | 80.8 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 2000 | 76.5 | 82.4 | 83.3 | 84.2 | 84.6 | 84.8 | 85.2 | 85.2 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 1500 | 77.0 | 82.3 | 84.5 | 85.4 | 85.9 | 86.1 | 86.5 | 86.5 | 86.5 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 1000 | 78.2 | 85.1 | 86.2 | 87.4 | 88.1 | 88.5 | 88.8 | 88.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 900 | 78.7 | 86.6 | 88.1 | 89.1 | 90.0 | 90.5 | 91.1 | 91.1 | 91.2 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 800 | 78.7 | 87.2 | 88.8 | 90.1 | 91.0 | 91.5 | 92.3 | 92.3 | 92.4 | 92.8 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 700 | 78.7 | 87.7 | 88.9 | 90.3 | 91.3 | 91.8 | 92.6 | 92.7 | 92.8 | 93.3 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 600 | 78.7 | 87.5 | 89.1 | 90.5 | 91.5 | 92.2 | 93.0 | 93.9 | 94.1 | 94.6 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 500 | 78.7 | 87.6 | 89.4 | 90.9 | 91.8 | 92.7 | 93.9 | 94.8 | 95.2 | 95.8 | 96.5 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 400 | 78.7 | 87.6 | 89.6 | 91.3 | 92.4 | 93.2 | 94.5 | 95.8 | 96.3 | 97.2 | 97.8 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 300 | 78.7 | 87.6 | 89.6 | 91.3 | 92.5 | 93.3 | 94.6 | 96.2 | 96.9 | 97.4 | 98.1 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 200 | 78.7 | 87.6 | 89.6 | 91.3 | 92.5 | 93.3 | 94.6 | 96.2 | 96.9 | 97.8 | 98.8 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 78.7 | 87.6 | 89.6 | 91.3 | 92.5 | 93.3 | 94.6 | 96.2 | 96.9 | 98.0 | 98.9 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 50 | 78.7 | 87.6 | 89.6 | 91.3 | 92.5 | 93.3 | 94.6 | 96.2 | 96.9 | 98.0 | 98.9 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 20 | 78.7 | 87.6 | 89.6 | 91.3 | 92.5 | 93.3 | 94.6 | 96.2 | 96.9 | 98.0 | 98.9 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

14949
STATION

DE FULT AFB NE
STATION NAME

19-78
YEAR

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 51.0 | 54.3 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 20000 | 55.2 | 57.8 | 58.4 | 58.5 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| ≥ 18000 | 55.7 | 58.4 | 58.9 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 14000 | 56.5 | 59.1 | 59.7 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 14000 | 58.0 | 60.8 | 61.3 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 12000 | 59.7 | 62.6 | 63.1 | 63.2 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 10000 | 61.8 | 64.8 | 65.4 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 9000 | 61.9 | 65.2 | 65.7 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 8000 | 62.8 | 66.0 | 66.6 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥ 7000 | 63.7 | 67.1 | 67.7 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 6000 | 65.5 | 68.9 | 69.6 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| ≥ 5000 | 67.7 | 71.4 | 72.2 | 73.1 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 4500 | 68.6 | 72.3 | 73.0 | 74.0 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 4000 | 70.3 | 74.2 | 75.1 | 76.0 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 3500 | 71.6 | 75.8 | 76.7 | 77.6 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 3000 | 73.2 | 77.8 | 78.7 | 79.8 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 2500 | 75.6 | 81.1 | 81.9 | 83.0 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 2000 | 77.6 | 84.0 | 85.1 | 86.1 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 1800 | 78.3 | 84.7 | 85.8 | 87.0 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 1500 | 78.7 | 85.8 | 87.0 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 1200 | 78.9 | 86.7 | 88.2 | 89.8 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 1000 | 78.9 | 87.1 | 88.7 | 90.4 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 900 | 78.9 | 87.6 | 89.2 | 91.2 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 800 | 79.0 | 87.8 | 89.7 | 91.6 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 700 | 79.0 | 87.8 | 89.7 | 91.7 | 93.5 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 600 | 79.0 | 87.8 | 89.7 | 91.8 | 93.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 500 | 79.0 | 87.8 | 89.7 | 91.8 | 93.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 400 | 79.0 | 87.8 | 89.7 | 91.8 | 94.0 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 300 | 79.0 | 87.8 | 89.7 | 91.8 | 94.0 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 200 | 79.0 | 87.8 | 89.7 | 91.8 | 94.0 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 100 | 79.0 | 87.8 | 89.7 | 91.8 | 94.0 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 0 | 79.0 | 87.8 | 89.7 | 91.8 | 94.0 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

1976
YEAR

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING ≥ 20000 | 55.7 | 57.2 | 57.8 | 58.4 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| ≥ 18000 | 57.1 | 58.6 | 59.2 | 59.8 | 60.4 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 16000 | 57.3 | 58.8 | 59.6 | 60.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 14000 | 57.7 | 59.2 | 60.0 | 60.5 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| ≥ 12000 | 58.7 | 60.4 | 61.3 | 61.8 | 62.8 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 10000 | 59.6 | 61.3 | 62.2 | 62.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 9000 | 62.0 | 64.0 | 65.2 | 65.7 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 8000 | 62.4 | 64.2 | 65.4 | 65.9 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 7000 | 62.7 | 64.8 | 66.0 | 66.6 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 6000 | 62.9 | 66.1 | 67.2 | 67.8 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 5000 | 65.9 | 68.3 | 69.5 | 70.0 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 4500 | 68.2 | 70.9 | 72.0 | 72.7 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 4000 | 69.1 | 71.8 | 73.0 | 73.7 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 3500 | 71.0 | 73.7 | 74.9 | 75.8 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 3000 | 71.9 | 74.6 | 75.9 | 76.8 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 2500 | 73.5 | 76.3 | 77.6 | 78.6 | 79.9 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 2000 | 75.3 | 78.4 | 80.0 | 81.1 | 82.4 | 82.5 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 1800 | 76.9 | 80.6 | 82.2 | 83.5 | 85.1 | 85.2 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 1600 | 77.5 | 81.7 | 83.2 | 84.7 | 86.2 | 86.3 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 1400 | 78.6 | 83.5 | 85.2 | 86.8 | 88.3 | 88.4 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 1200 | 79.6 | 85.6 | 87.5 | 89.2 | 91.0 | 91.1 | 91.4 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 1000 | 80.0 | 86.6 | 88.7 | 90.8 | 92.6 | 92.7 | 93.0 | 93.3 | 93.4 | 93.5 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 900 | 80.3 | 87.6 | 89.8 | 91.8 | 93.7 | 93.8 | 94.1 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 800 | 80.3 | 87.7 | 89.9 | 92.2 | 94.4 | 94.5 | 94.9 | 95.4 | 95.5 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 700 | 80.4 | 88.0 | 90.2 | 92.6 | 94.9 | 95.3 | 95.0 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 600 | 80.4 | 88.0 | 90.2 | 92.6 | 95.1 | 95.5 | 95.3 | 96.9 | 97.1 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 500 | 80.4 | 88.0 | 90.2 | 92.7 | 95.2 | 95.6 | 95.6 | 97.2 | 97.4 | 97.5 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 400 | 80.4 | 88.0 | 90.2 | 92.9 | 95.4 | 96.0 | 96.3 | 98.1 | 98.4 | 98.5 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 300 | 80.4 | 88.0 | 90.2 | 92.9 | 95.6 | 96.2 | 96.2 | 98.9 | 99.2 | 99.4 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 80.4 | 88.0 | 90.2 | 92.9 | 95.6 | 96.2 | 96.2 | 98.9 | 99.2 | 99.4 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 80.4 | 88.0 | 90.2 | 92.9 | 95.6 | 96.2 | 96.2 | 98.9 | 99.2 | 99.4 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 80.4 | 88.0 | 90.2 | 92.9 | 95.6 | 96.2 | 96.2 | 98.9 | 99.2 | 99.4 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

9-71

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|---------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 1/32 | ≥ 1/64 | ≥ 1/128 | ≥ 0 |
| NO - FILING | 47.6 | 40.9 | 50.3 | 50.7 | 51.1 | 51.1 | 51.3 | 51.5 | 51.0 | 51.7 | 51.7 | 51.7 | 51.8 | 51.8 | 51.8 | 51.8 |
| ≥ 20000 | 50.3 | 52.7 | 53.4 | 53.6 | 54.0 | 54.1 | 54.3 | 54.5 | 54.5 | 54.7 | 54.7 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 18000 | 50.7 | 53.2 | 53.7 | 54.0 | 54.5 | 54.6 | 54.8 | 54.9 | 55.0 | 55.1 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.3 |
| ≥ 16000 | 51.0 | 53.5 | 54.0 | 54.4 | 54.8 | 54.9 | 55.1 | 55.3 | 55.3 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 14000 | 52.1 | 54.7 | 55.3 | 55.7 | 56.1 | 56.2 | 56.4 | 56.6 | 56.7 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| ≥ 12000 | 53.1 | 55.8 | 56.4 | 56.9 | 57.4 | 57.5 | 57.8 | 57.9 | 58.0 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 |
| ≥ 10000 | 55.3 | 58.1 | 58.7 | 59.2 | 59.8 | 59.9 | 60.1 | 60.3 | 60.4 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.7 | 60.7 |
| ≥ 9000 | 55.7 | 58.6 | 59.4 | 59.8 | 60.3 | 60.5 | 60.7 | 60.9 | 61.0 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.3 |
| ≥ 8000 | 56.8 | 59.9 | 60.5 | 61.1 | 61.7 | 61.8 | 62.0 | 62.3 | 62.3 | 62.5 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 7000 | 58.1 | 61.3 | 61.9 | 62.6 | 63.2 | 63.3 | 63.6 | 63.8 | 63.9 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.2 | 64.2 |
| ≥ 6000 | 59.8 | 63.1 | 63.9 | 64.6 | 65.2 | 65.3 | 65.6 | 65.8 | 65.9 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 |
| ≥ 5000 | 62.2 | 66.0 | 66.8 | 67.6 | 68.3 | 68.4 | 68.7 | 68.9 | 69.0 | 69.1 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 |
| ≥ 4500 | 62.9 | 66.7 | 67.5 | 68.4 | 69.0 | 69.1 | 69.4 | 69.7 | 69.8 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.1 |
| ≥ 4000 | 64.4 | 69.4 | 69.3 | 70.2 | 70.9 | 71.0 | 71.3 | 71.6 | 71.7 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 3500 | 65.5 | 69.6 | 70.5 | 71.4 | 72.2 | 72.3 | 72.6 | 72.9 | 72.9 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.3 |
| ≥ 3000 | 67.4 | 71.9 | 72.8 | 73.8 | 74.6 | 74.7 | 75.1 | 75.3 | 75.4 | 75.6 | 75.6 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 2500 | 69.4 | 74.3 | 75.3 | 76.3 | 77.1 | 77.3 | 77.7 | 78.0 | 78.0 | 78.2 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 2000 | 71.4 | 77.4 | 78.6 | 79.8 | 80.8 | 81.0 | 81.5 | 81.7 | 81.8 | 82.0 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.3 |
| ≥ 1800 | 72.4 | 79.3 | 79.6 | 80.8 | 81.9 | 82.1 | 82.5 | 82.8 | 82.9 | 83.1 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.4 |
| ≥ 1500 | 73.7 | 80.3 | 81.8 | 83.3 | 84.3 | 84.8 | 85.3 | 85.7 | 85.8 | 86.0 | 86.1 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 1200 | 74.4 | 81.9 | 83.7 | 85.3 | 86.7 | 87.1 | 87.7 | 88.2 | 88.4 | 88.6 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 89.0 |
| ≥ 1000 | 74.7 | 82.8 | 84.7 | 86.6 | 88.3 | 88.7 | 89.6 | 90.3 | 90.6 | 90.9 | 91.1 | 91.2 | 91.3 | 91.3 | 91.3 | 91.4 |
| ≥ 900 | 74.8 | 83.2 | 85.3 | 87.3 | 89.1 | 89.6 | 90.5 | 91.3 | 91.6 | 91.9 | 92.2 | 92.3 | 92.4 | 92.4 | 92.5 | 92.5 |
| ≥ 800 | 74.9 | 83.5 | 85.7 | 87.8 | 89.8 | 90.3 | 91.5 | 92.4 | 92.8 | 93.2 | 93.5 | 93.6 | 93.7 | 93.8 | 93.8 | 93.8 |
| ≥ 700 | 74.9 | 83.8 | 86.0 | 88.2 | 90.3 | 91.0 | 92.3 | 93.3 | 93.7 | 94.1 | 94.5 | 94.6 | 94.6 | 94.8 | 94.8 | 94.9 |
| ≥ 500 | 74.9 | 83.8 | 86.1 | 88.5 | 90.4 | 91.5 | 93.0 | 94.2 | 94.7 | 95.2 | 95.6 | 95.8 | 95.9 | 96.0 | 96.0 | 96.0 |
| ≥ 400 | 74.9 | 83.9 | 86.1 | 88.5 | 90.4 | 91.7 | 93.3 | 94.7 | 95.3 | 95.9 | 96.3 | 96.4 | 96.7 | 96.7 | 96.7 | 96.8 |
| ≥ 300 | 74.9 | 83.9 | 86.2 | 88.6 | 91.1 | 91.9 | 93.7 | 95.2 | 96.0 | 96.7 | 97.2 | 97.4 | 97.4 | 97.7 | 97.7 | 97.8 |
| ≥ 200 | 74.9 | 83.9 | 86.2 | 88.6 | 91.2 | 92.0 | 93.9 | 95.6 | 96.4 | 97.2 | 97.8 | 98.0 | 98.3 | 98.4 | 98.4 | 98.5 |
| ≥ 100 | 74.9 | 83.9 | 86.2 | 88.6 | 91.2 | 92.0 | 94.0 | 95.7 | 96.7 | 97.5 | 98.4 | 98.7 | 99.0 | 99.2 | 99.4 | 99.8 |
| ≥ 0 | 74.9 | 83.9 | 86.2 | 88.6 | 91.2 | 92.0 | 93.0 | 95.7 | 96.7 | 97.5 | 98.4 | 98.7 | 99.0 | 99.2 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

DAFUTT AFB NE
STATION NAME

69-78
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING ≥ 20000 | 53.8 | 55.9 | 56.2 | 56.6 | 56.6 | 56.9 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| ≥ 18000 ≥ 14000 | 57.1 | 59.2 | 59.6 | 59.9 | 60.1 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| ≥ 14000 ≥ 12000 | 57.7 | 59.8 | 60.1 | 60.4 | 60.7 | 60.7 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 12000 ≥ 10000 | 57.9 | 60.0 | 60.3 | 60.7 | 60.9 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| ≥ 10000 ≥ 8000 | 58.9 | 61.0 | 61.3 | 61.7 | 61.9 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 8000 ≥ 7000 | 60.6 | 62.9 | 63.2 | 63.6 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 7000 ≥ 6000 | 62.9 | 65.4 | 65.8 | 66.1 | 66.3 | 66.3 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 6000 ≥ 5000 | 63.2 | 65.8 | 66.1 | 66.4 | 66.7 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 5000 ≥ 4500 | 65.8 | 68.4 | 68.8 | 69.1 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 4500 ≥ 4000 | 66.8 | 69.4 | 69.9 | 70.2 | 70.4 | 70.4 | 70.4 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 4000 ≥ 3500 | 69.6 | 72.6 | 73.0 | 73.3 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 3500 ≥ 3000 | 72.4 | 76.3 | 76.8 | 77.1 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 3000 ≥ 2500 | 73.8 | 77.9 | 78.3 | 78.7 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 2500 ≥ 2000 | 74.8 | 79.0 | 79.6 | 80.1 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 2000 ≥ 1600 | 76.4 | 80.8 | 81.3 | 81.9 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 1600 ≥ 1500 | 77.4 | 81.8 | 82.3 | 82.9 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 1500 ≥ 1200 | 78.7 | 83.4 | 84.3 | 85.0 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 1200 ≥ 1000 | 79.8 | 85.3 | 86.8 | 87.4 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 1000 ≥ 800 | 80.0 | 85.9 | 87.6 | 88.3 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 800 ≥ 600 | 80.3 | 86.7 | 88.7 | 89.7 | 90.7 | 90.7 | 90.7 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 600 ≥ 500 | 80.9 | 87.7 | 90.1 | 91.4 | 92.4 | 92.8 | 93.2 | 93.4 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 500 ≥ 400 | 81.2 | 88.6 | 91.8 | 93.3 | 94.4 | 94.8 | 95.3 | 95.6 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 400 ≥ 300 | 81.6 | 89.0 | 92.2 | 94.0 | 95.4 | 95.8 | 96.4 | 96.8 | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 300 ≥ 200 | 81.6 | 89.0 | 92.4 | 94.2 | 95.8 | 96.1 | 96.8 | 97.1 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 200 ≥ 100 | 81.6 | 89.4 | 93.0 | 94.9 | 96.6 | 96.9 | 97.7 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 100 ≥ 50 | 81.6 | 89.6 | 93.2 | 95.2 | 96.9 | 97.2 | 98.0 | 98.4 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 50 ≥ 0 | 81.6 | 89.6 | 93.2 | 95.6 | 97.3 | 97.7 | 98.4 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 0 | 81.6 | 89.7 | 93.3 | 95.7 | 97.6 | 97.9 | 98.7 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 0 | 81.6 | 89.7 | 93.3 | 95.7 | 97.6 | 97.9 | 98.7 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 0 | 81.6 | 89.7 | 93.3 | 95.7 | 97.7 | 98.0 | 98.8 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 0 | 81.6 | 89.7 | 93.3 | 95.7 | 97.7 | 98.0 | 98.8 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 0 | 81.6 | 89.7 | 93.3 | 95.7 | 97.7 | 98.0 | 98.8 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

9-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 51.6 | 55.1 | 55.9 | 56.0 | 56.2 | 56.2 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.9 |
| ≥ 20000 | 52.6 | 56.1 | 56.9 | 57.0 | 57.2 | 57.2 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.9 |
| ≥ 18000 | 53.1 | 56.7 | 57.4 | 57.6 | 57.8 | 57.8 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.1 | 58.1 | 58.4 |
| ≥ 16000 | 53.4 | 57.0 | 57.8 | 57.9 | 58.1 | 58.1 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 | 58.8 |
| ≥ 14000 | 54.3 | 58.0 | 58.8 | 58.9 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.4 | 59.4 | 59.8 |
| ≥ 12000 | 59.1 | 59.8 | 60.6 | 60.7 | 60.9 | 60.9 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.6 |
| ≥ 10000 | 59.9 | 64.0 | 64.9 | 65.0 | 65.2 | 65.2 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.6 | 65.6 | 65.9 |
| ≥ 9000 | 60.2 | 64.3 | 65.4 | 65.6 | 65.8 | 65.8 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.4 |
| ≥ 8000 | 61.6 | 65.7 | 66.8 | 67.1 | 67.4 | 67.4 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.8 | 67.8 | 68.1 |
| ≥ 7000 | 62.0 | 67.1 | 68.2 | 68.6 | 68.9 | 68.9 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.6 |
| ≥ 6000 | 65.4 | 69.9 | 71.3 | 71.7 | 72.0 | 72.0 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.7 |
| ≥ 5000 | 68.8 | 73.8 | 75.4 | 75.9 | 76.4 | 76.4 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 77.1 |
| ≥ 4500 | 69.7 | 75.0 | 76.7 | 77.1 | 77.7 | 77.7 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.6 |
| ≥ 4000 | 71.1 | 76.8 | 78.9 | 79.1 | 79.7 | 79.7 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 | 80.6 |
| ≥ 3500 | 71.4 | 77.2 | 79.0 | 79.6 | 80.2 | 80.2 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 81.1 |
| ≥ 3000 | 72.2 | 79.1 | 81.2 | 81.8 | 82.4 | 82.4 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 83.3 |
| ≥ 2500 | 74.0 | 80.2 | 82.7 | 83.4 | 84.4 | 84.4 | 84.7 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 | 85.6 |
| ≥ 2000 | 75.2 | 81.8 | 84.3 | 85.2 | 86.2 | 86.2 | 86.4 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 87.3 |
| ≥ 1800 | 75.8 | 82.6 | 85.4 | 86.4 | 87.7 | 87.7 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.8 |
| ≥ 1500 | 76.2 | 83.4 | 86.7 | 88.0 | 89.3 | 89.3 | 89.8 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.9 |
| ≥ 1200 | 77.2 | 85.0 | 88.0 | 90.1 | 91.7 | 91.7 | 92.1 | 92.4 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.4 |
| ≥ 1000 | 77.9 | 86.2 | 90.1 | 92.0 | 93.8 | 93.9 | 94.3 | 94.7 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.8 |
| ≥ 900 | 78.3 | 86.9 | 90.9 | 92.9 | 94.8 | 94.9 | 95.6 | 96.0 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 97.1 |
| ≥ 800 | 78.3 | 87.1 | 91.2 | 93.3 | 95.1 | 95.1 | 96.1 | 96.6 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.8 |
| ≥ 700 | 78.3 | 87.2 | 91.4 | 93.8 | 96.0 | 96.2 | 96.9 | 97.3 | 97.7 | 97.9 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.6 |
| ≥ 600 | 78.3 | 87.2 | 91.4 | 94.0 | 96.2 | 96.4 | 97.1 | 97.6 | 97.9 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.8 |
| ≥ 500 | 78.3 | 87.3 | 91.6 | 94.1 | 96.3 | 96.6 | 97.2 | 97.9 | 98.2 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 99.1 |
| ≥ 400 | 78.3 | 87.3 | 91.6 | 94.2 | 96.4 | 96.7 | 97.4 | 98.1 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.3 |
| ≥ 300 | 78.3 | 87.4 | 91.7 | 94.3 | 96.6 | 96.8 | 97.6 | 98.3 | 98.7 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.8 |
| ≥ 200 | 78.3 | 87.4 | 91.7 | 94.3 | 96.6 | 96.8 | 97.6 | 98.3 | 98.7 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.9 |
| ≥ 100 | 78.3 | 87.4 | 91.7 | 94.3 | 96.6 | 96.8 | 97.6 | 98.3 | 98.7 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.9 |
| ≥ 0 | 78.3 | 87.4 | 91.7 | 94.3 | 96.6 | 96.8 | 97.6 | 98.3 | 98.7 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14942
STATION

OFFUTT AFB NE

STATION NAME

19-78

YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|-------|--------|--------|-------|--------|---------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0 |
| NO CEILING | 46.4 | 47.1 | 48.9 | 48.9 | 49.3 | 49.3 | 49.7 | 49.7 | 49.7 | 49.7 | 50.0 | 50.0 | 50.1 | 50.1 | 50.1 | 50.4 |
| ≥ 20000 | 48.4 | 50.4 | 51.4 | 51.4 | 51.9 | 51.9 | 52.2 | 52.2 | 52.2 | 52.2 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 53.0 |
| ≥ 18000 | 48.8 | 50.8 | 51.8 | 51.8 | 52.2 | 52.2 | 52.6 | 52.6 | 52.6 | 52.6 | 52.9 | 52.9 | 53.0 | 53.0 | 53.0 | 53.3 |
| ≥ 16000 | 49.4 | 51.4 | 52.4 | 52.4 | 52.9 | 52.9 | 53.2 | 53.2 | 53.2 | 53.2 | 53.6 | 53.6 | 53.7 | 53.7 | 53.7 | 54.0 |
| ≥ 14000 | 50.2 | 52.2 | 53.2 | 53.2 | 53.7 | 53.7 | 54.0 | 54.0 | 54.0 | 54.0 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.8 |
| ≥ 12000 | 51.0 | 53.6 | 54.6 | 54.7 | 55.1 | 55.1 | 55.4 | 55.4 | 55.4 | 55.4 | 55.8 | 55.8 | 55.9 | 55.9 | 55.9 | 56.2 |
| ≥ 10000 | 54.7 | 56.9 | 57.9 | 58.0 | 58.4 | 58.4 | 58.9 | 58.9 | 58.9 | 58.9 | 59.2 | 59.2 | 59.3 | 59.3 | 59.3 | 59.7 |
| ≥ 9000 | 55.0 | 57.2 | 58.2 | 58.3 | 58.8 | 58.8 | 59.2 | 59.2 | 59.2 | 59.2 | 59.6 | 59.6 | 59.7 | 59.7 | 59.7 | 60.0 |
| ≥ 8000 | 57.2 | 59.9 | 61.0 | 61.1 | 61.6 | 61.7 | 62.1 | 62.1 | 62.1 | 62.1 | 62.4 | 62.4 | 62.6 | 62.6 | 62.6 | 62.9 |
| ≥ 7000 | 58.4 | 61.6 | 62.7 | 62.8 | 63.2 | 63.3 | 63.8 | 63.8 | 63.8 | 63.8 | 64.1 | 64.1 | 64.2 | 64.2 | 64.2 | 64.6 |
| ≥ 6000 | 60.9 | 64.4 | 65.7 | 65.9 | 66.3 | 66.4 | 66.9 | 66.9 | 66.9 | 66.9 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.7 |
| ≥ 5000 | 63.7 | 67.7 | 68.9 | 69.1 | 69.7 | 69.8 | 70.3 | 70.3 | 70.3 | 70.3 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 71.1 |
| ≥ 4500 | 64.8 | 69.0 | 70.2 | 70.4 | 71.0 | 71.1 | 71.7 | 71.7 | 71.7 | 71.7 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.4 |
| ≥ 4000 | 65.9 | 70.2 | 71.7 | 72.0 | 72.9 | 73.1 | 73.8 | 73.8 | 73.8 | 73.8 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.6 |
| ≥ 3500 | 66.4 | 71.1 | 72.6 | 72.9 | 73.8 | 74.1 | 74.8 | 74.8 | 74.8 | 74.8 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.6 |
| ≥ 3000 | 68.2 | 73.2 | 74.8 | 75.1 | 76.1 | 76.4 | 77.2 | 77.2 | 77.2 | 77.2 | 77.5 | 77.5 | 77.7 | 77.7 | 77.7 | 78.0 |
| ≥ 2500 | 69.3 | 74.6 | 76.2 | 76.8 | 78.0 | 78.3 | 79.1 | 79.1 | 79.1 | 79.1 | 79.4 | 79.4 | 79.6 | 79.6 | 79.6 | 79.9 |
| ≥ 2000 | 71.4 | 77.2 | 78.9 | 79.6 | 80.8 | 81.1 | 81.9 | 81.9 | 81.9 | 81.9 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.7 |
| ≥ 1800 | 72.1 | 78.0 | 79.8 | 80.4 | 81.9 | 82.3 | 83.1 | 83.1 | 83.1 | 83.1 | 83.4 | 83.4 | 83.6 | 83.6 | 83.6 | 83.9 |
| ≥ 1500 | 73.7 | 80.2 | 82.3 | 83.6 | 85.2 | 85.7 | 86.4 | 86.4 | 86.4 | 86.4 | 86.7 | 86.7 | 87.0 | 87.1 | 87.1 | 87.4 |
| ≥ 1200 | 74.9 | 82.7 | 84.9 | 86.2 | 88.3 | 88.8 | 89.7 | 89.9 | 90.2 | 90.2 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 91.1 |
| ≥ 1000 | 75.3 | 84.2 | 86.6 | 87.9 | 90.9 | 91.3 | 92.6 | 92.9 | 93.3 | 93.3 | 93.8 | 93.8 | 94.9 | 93.9 | 93.9 | 94.3 |
| ≥ 900 | 75.8 | 85.0 | 87.3 | 88.7 | 91.7 | 92.1 | 93.3 | 93.8 | 94.2 | 94.3 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 95.3 |
| ≥ 800 | 75.8 | 85.1 | 87.6 | 88.9 | 92.1 | 92.8 | 94.0 | 94.4 | 94.9 | 95.1 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 96.1 |
| ≥ 700 | 75.8 | 85.1 | 87.6 | 88.9 | 92.4 | 93.1 | 94.4 | 95.0 | 95.4 | 95.7 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.8 |
| ≥ 600 | 75.9 | 85.3 | 87.8 | 89.4 | 93.1 | 93.8 | 95.1 | 95.8 | 96.3 | 96.7 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.9 |
| ≥ 500 | 75.9 | 85.3 | 87.8 | 89.4 | 93.3 | 94.0 | 95.3 | 96.3 | 97.0 | 97.3 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.6 |
| ≥ 400 | 75.9 | 85.3 | 87.8 | 89.4 | 93.3 | 94.0 | 95.3 | 96.3 | 97.1 | 97.4 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.7 |
| ≥ 300 | 75.9 | 85.3 | 87.8 | 89.4 | 93.3 | 94.0 | 95.4 | 96.4 | 97.2 | 97.6 | 98.3 | 98.3 | 98.6 | 98.6 | 98.7 | 99.1 |
| ≥ 200 | 75.9 | 85.4 | 87.9 | 89.6 | 93.4 | 94.1 | 95.6 | 96.6 | 97.3 | 97.7 | 98.9 | 98.6 | 98.8 | 98.8 | 99.2 | 99.8 |
| ≥ 100 | 75.9 | 85.4 | 87.9 | 89.6 | 93.4 | 94.1 | 95.6 | 96.6 | 97.3 | 97.7 | 98.0 | 98.6 | 98.8 | 98.8 | 99.2 | 99.8 |
| ≥ 0 | 75.9 | 85.4 | 87.9 | 89.6 | 93.4 | 94.1 | 95.6 | 96.6 | 97.3 | 97.7 | 98.0 | 98.6 | 98.8 | 98.8 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

40-70
FARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 45.8 | 48.4 | 48.7 | 48.8 | 48.8 | 48.9 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 |
| ≥ 20000 | 50.6 | 53.3 | 53.6 | 53.7 | 53.7 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| ≥ 18000 | 50.8 | 53.7 | 53.9 | 54.0 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥ 16000 | 51.2 | 54.1 | 54.3 | 54.4 | 54.4 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| ≥ 14000 | 52.1 | 55.0 | 55.2 | 55.3 | 55.3 | 55.4 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 12000 | 53.8 | 56.7 | 56.9 | 57.0 | 57.0 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| ≥ 10000 | 57.2 | 60.3 | 60.6 | 60.7 | 60.8 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| ≥ 9000 | 57.9 | 61.0 | 61.2 | 61.3 | 61.4 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 8000 | 60.2 | 63.6 | 63.8 | 63.9 | 64.0 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 7000 | 61.2 | 64.6 | 64.8 | 64.9 | 65.0 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 6000 | 63.1 | 67.1 | 67.3 | 67.4 | 67.6 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 5000 | 66.2 | 70.2 | 70.6 | 70.7 | 70.8 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 4500 | 66.6 | 70.7 | 71.0 | 71.1 | 71.2 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 4000 | 68.4 | 73.4 | 73.9 | 74.0 | 74.1 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 3500 | 69.9 | 75.0 | 75.4 | 75.6 | 75.7 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 3000 | 71.3 | 77.1 | 77.7 | 77.8 | 77.9 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 2500 | 73.1 | 79.2 | 79.9 | 80.0 | 80.1 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 2000 | 75.4 | 82.3 | 83.1 | 83.2 | 83.3 | 83.4 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 1800 | 76.1 | 83.3 | 84.1 | 84.2 | 84.3 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 1500 | 78.3 | 86.6 | 87.6 | 87.7 | 88.2 | 88.6 | 88.7 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 1200 | 80.0 | 89.4 | 90.9 | 91.1 | 91.7 | 92.0 | 92.1 | 92.2 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 1000 | 80.3 | 91.1 | 93.1 | 93.3 | 94.2 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 900 | 80.3 | 91.3 | 93.4 | 93.7 | 94.8 | 95.1 | 95.4 | 95.6 | 95.8 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 800 | 80.3 | 91.4 | 93.7 | 93.9 | 95.1 | 95.6 | 96.6 | 96.7 | 97.1 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | 80.4 | 91.7 | 94.1 | 94.3 | 95.7 | 96.2 | 97.2 | 97.3 | 97.8 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 600 | 80.6 | 91.8 | 94.3 | 94.7 | 96.0 | 96.6 | 97.6 | 97.7 | 98.1 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 80.6 | 91.8 | 94.3 | 94.7 | 96.0 | 96.6 | 97.6 | 97.7 | 98.2 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 400 | 80.6 | 91.8 | 94.3 | 94.8 | 96.1 | 96.7 | 97.8 | 97.9 | 98.6 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 80.6 | 91.8 | 94.3 | 94.8 | 96.1 | 96.7 | 97.8 | 97.9 | 98.7 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 80.6 | 91.8 | 94.3 | 94.8 | 96.1 | 96.7 | 97.8 | 97.9 | 98.7 | 99.1 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 80.6 | 91.8 | 94.3 | 94.8 | 96.1 | 96.7 | 97.8 | 97.9 | 98.7 | 99.1 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 80.6 | 91.8 | 94.3 | 94.8 | 96.1 | 96.7 | 97.8 | 97.9 | 98.7 | 99.1 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFUTT AFB NE

69-70

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING ≥ 20000 | 46.0 | 47.2 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| ≥ 18000 | 52.3 | 54.0 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| ≥ 16000 | 52.7 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| ≥ 14000 | 53.0 | 54.9 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 |
| ≥ 12000 | 53.9 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 10000 | 55.8 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| ≥ 8000 | 58.7 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 6000 | 59.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 4000 | 61.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 2000 | 62.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 1000 | 65.1 | 68.0 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 500 | 68.4 | 72.0 | 72.3 | 72.6 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 4500 | 69.7 | 73.3 | 73.7 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 4000 | 71.9 | 76.0 | 76.3 | 76.6 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 3500 | 73.4 | 77.8 | 78.1 | 78.3 | 78.4 | 78.4 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 3000 | 75.6 | 81.1 | 81.4 | 81.7 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 2500 | 77.9 | 82.8 | 83.1 | 83.4 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 2000 | 79.4 | 85.7 | 86.0 | 86.3 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 1800 | 80.4 | 87.0 | 87.4 | 87.8 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 1500 | 82.0 | 89.3 | 89.6 | 90.1 | 90.9 | 90.9 | 90.9 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 1200 | 83.2 | 90.8 | 91.4 | 91.8 | 92.8 | 92.9 | 92.9 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 | 93.7 | 93.7 | 93.7 |
| ≥ 1000 | 83.8 | 92.7 | 93.4 | 94.4 | 95.7 | 95.8 | 95.8 | 96.4 | 96.6 | 96.6 | 96.6 | 96.7 | 96.8 | 97.0 | 97.0 | 97.0 |
| ≥ 900 | 83.4 | 92.7 | 93.6 | 94.6 | 95.9 | 96.0 | 96.0 | 96.8 | 97.0 | 97.1 | 97.3 | 97.3 | 97.4 | 97.7 | 97.7 | 97.7 |
| ≥ 800 | 83.9 | 93.0 | 93.9 | 94.9 | 96.3 | 96.6 | 96.6 | 97.6 | 97.8 | 97.9 | 98.2 | 98.2 | 98.3 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 83.9 | 93.2 | 94.1 | 95.1 | 96.7 | 96.9 | 97.9 | 98.2 | 98.4 | 98.9 | 98.9 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 |
| ≥ 600 | 83.9 | 93.2 | 94.1 | 95.1 | 96.8 | 97.0 | 98.0 | 98.3 | 98.7 | 99.1 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 83.9 | 93.2 | 94.1 | 95.1 | 96.8 | 97.0 | 98.0 | 98.6 | 98.9 | 99.4 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 83.9 | 93.2 | 94.1 | 95.1 | 96.8 | 97.0 | 98.0 | 98.8 | 99.1 | 99.7 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 83.9 | 93.2 | 94.1 | 95.1 | 96.8 | 97.0 | 98.0 | 98.8 | 99.1 | 99.7 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 83.9 | 93.2 | 94.1 | 95.1 | 96.8 | 97.0 | 98.0 | 98.8 | 99.1 | 99.7 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 83.9 | 93.2 | 94.1 | 95.1 | 96.8 | 97.0 | 98.0 | 98.8 | 99.1 | 99.7 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 83.9 | 93.2 | 94.1 | 95.1 | 96.8 | 97.0 | 98.0 | 98.8 | 99.1 | 99.7 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE

9-78

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1 70
HOURS IN 3

| CEILING FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO. CEILING | 50.1 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| ≥ 20000 | 54.1 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| ≥ 18000 | 54.2 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 16000 | 54.2 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 14000 | 54.8 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 12000 | 57.4 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 10000 | 61.0 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 9000 | 61.8 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 8000 | 65.6 | 66.2 | 66.2 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 7000 | 66.9 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 6000 | 68.3 | 69.0 | 69.0 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 5000 | 70.2 | 71.2 | 71.4 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 4000 | 71.2 | 72.6 | 72.8 | 73.4 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 3000 | 74.0 | 75.8 | 76.0 | 76.7 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 2500 | 77.0 | 78.9 | 79.2 | 80.0 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 2000 | 79.4 | 81.4 | 81.8 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 1800 | 81.2 | 84.2 | 84.7 | 85.6 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 1600 | 83.1 | 86.4 | 87.0 | 88.0 | 88.2 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 1400 | 85.7 | 87.3 | 87.9 | 89.0 | 89.3 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 1200 | 84.7 | 89.3 | 90.0 | 91.4 | 91.8 | 91.9 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 1000 | 86.0 | 91.3 | 92.2 | 93.9 | 94.2 | 94.3 | 94.9 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 900 | 86.8 | 92.4 | 93.6 | 95.3 | 96.2 | 96.3 | 97.0 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 800 | 86.8 | 92.6 | 93.7 | 95.4 | 96.3 | 96.4 | 97.4 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 700 | 86.8 | 92.9 | 94.2 | 96.1 | 97.1 | 97.2 | 98.2 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 86.8 | 93.0 | 94.3 | 96.3 | 97.4 | 97.6 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 86.8 | 93.0 | 94.3 | 96.3 | 97.7 | 97.8 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 86.8 | 93.0 | 94.3 | 96.3 | 97.7 | 97.8 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 86.8 | 93.0 | 94.3 | 96.3 | 97.7 | 97.8 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 86.8 | 93.0 | 94.3 | 96.3 | 97.7 | 97.8 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 86.8 | 93.0 | 94.3 | 96.3 | 97.7 | 97.8 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ | 86.8 | 93.0 | 94.3 | 96.3 | 97.7 | 97.8 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

69-70

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING - 20000 | 50.0 | 52.2 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 18000 ≥ 16000 | 55.4 | 57.0 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| ≥ 14000 ≥ 12000 | 56.2 | 57.8 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| ≥ 10000 ≥ 9000 | 61.2 | 62.9 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 8000 ≥ 7000 | 62.7 | 64.4 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 6000 ≥ 5000 | 66.6 | 68.8 | 69.0 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 4500 ≥ 4000 | 72.7 | 76.1 | 76.6 | 76.9 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 3500 ≥ 3000 | 77.6 | 81.8 | 82.2 | 82.6 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 2500 ≥ 2000 | 81.1 | 85.9 | 86.4 | 87.1 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 1800 ≥ 1600 | 82.9 | 88.6 | 89.2 | 89.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 1400 ≥ 1200 | 84.3 | 90.9 | 91.7 | 92.7 | 93.7 | 93.8 | 94.3 | 94.3 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1000 ≥ 900 | 84.8 | 91.4 | 92.4 | 93.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 800 ≥ 700 | 84.8 | 92.2 | 93.1 | 95.0 | 96.1 | 96.2 | 97.3 | 97.3 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 600 ≥ 500 | 84.8 | 92.7 | 93.7 | 96.0 | 97.4 | 97.6 | 98.7 | 98.7 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 ≥ 300 | 84.8 | 92.7 | 93.8 | 96.1 | 97.6 | 97.7 | 98.8 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 ≥ 100 | 84.8 | 92.7 | 93.8 | 96.1 | 97.6 | 97.7 | 98.8 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 84.8 | 92.7 | 93.8 | 96.1 | 97.6 | 97.7 | 98.8 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 50 | 84.8 | 92.7 | 93.8 | 96.1 | 97.6 | 97.7 | 98.8 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 25 | 84.8 | 92.7 | 93.8 | 96.1 | 97.6 | 97.7 | 98.8 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 15 | 84.8 | 92.7 | 93.8 | 96.1 | 97.6 | 97.7 | 98.8 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 10 | 84.8 | 92.7 | 93.8 | 96.1 | 97.6 | 97.7 | 98.8 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 5 | 84.8 | 92.7 | 93.8 | 96.1 | 97.6 | 97.7 | 98.8 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 3 | 84.8 | 92.7 | 93.8 | 96.1 | 97.6 | 97.7 | 98.8 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 2 | 84.8 | 92.7 | 93.8 | 96.1 | 97.6 | 97.7 | 98.8 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1 | 84.8 | 92.7 | 93.8 | 96.1 | 97.6 | 97.7 | 98.8 | 98.8 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE

STATION NAME

79-78

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|------------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO. CEILING ≥ 20000 | 52.9 | 54.3 | 54.9 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 18000 | 55.9 | 57.3 | 57.9 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| ≥ 16000 | 56.3 | 57.8 | 58.3 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| ≥ 14000 | 56.7 | 58.3 | 58.9 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 12000 | 57.8 | 59.4 | 60.0 | 60.4 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 10000 | 58.8 | 60.4 | 61.0 | 61.4 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| ≥ 9000 | 61.1 | 62.8 | 63.3 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 8000 | 61.4 | 63.1 | 63.7 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 7000 | 63.2 | 65.1 | 65.6 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 6000 | 65.3 | 67.4 | 68.1 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 5000 | 67.8 | 70.1 | 70.8 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 4500 | 71.3 | 74.3 | 75.1 | 75.8 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 4000 | 72.4 | 75.8 | 76.6 | 77.2 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 3500 | 75.4 | 79.9 | 79.9 | 80.6 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 3000 | 77.1 | 81.1 | 82.1 | 82.8 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 2500 | 78.6 | 83.0 | 84.2 | 84.9 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 2000 | 80.1 | 85.0 | 86.2 | 86.9 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 1800 | 81.0 | 86.9 | 88.6 | 89.4 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 1600 | 81.1 | 87.3 | 89.1 | 90.0 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 1400 | 81.9 | 88.7 | 91.0 | 91.9 | 92.7 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 1200 | 82.3 | 89.9 | 92.7 | 93.7 | 94.7 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1000 | 82.3 | 90.3 | 93.3 | 94.4 | 95.7 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 900 | 82.4 | 90.4 | 93.7 | 95.0 | 96.4 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 800 | 82.6 | 90.7 | 93.9 | 95.8 | 97.4 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 700 | 82.6 | 90.8 | 94.0 | 95.9 | 97.0 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 600 | 82.6 | 90.8 | 94.2 | 96.2 | 98.0 | 98.3 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | 82.6 | 90.8 | 94.3 | 96.3 | 98.1 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 400 | 82.6 | 90.8 | 94.3 | 96.6 | 98.4 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | 82.6 | 90.8 | 94.3 | 96.6 | 98.4 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 200 | 82.6 | 90.8 | 94.3 | 96.6 | 98.6 | 98.9 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 82.6 | 90.8 | 94.3 | 96.6 | 98.6 | 98.9 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 50 | 82.6 | 90.8 | 94.3 | 96.6 | 98.6 | 98.9 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

9-78
YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0 |
| NO CEILING ≥ 20000 | 49.7 | 51.5 | 51.8 | 52.0 | 52.1 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.3 | 52.3 | 57.3 |
| ≥ 18000 + 16000 | 53.3 | 55.2 | 55.0 | 55.8 | 55.9 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 |
| ≥ 14000 + 12000 | 53.6 | 55.6 | 56.0 | 56.1 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.5 |
| ≥ 10000 + 9000 | 53.9 | 55.9 | 56.3 | 56.5 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.9 |
| ≥ 8000 + 7000 | 54.8 | 56.8 | 57.2 | 57.4 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.8 |
| ≥ 6000 + 5000 | 59.5 | 58.6 | 59.0 | 59.2 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.6 |
| ≥ 4500 + 4000 | 59.6 | 61.8 | 62.3 | 62.4 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 | 62.8 |
| ≥ 3500 + 3000 | 60.2 | 62.4 | 62.9 | 63.1 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.5 |
| ≥ 2500 + 2000 | 62.5 | 64.9 | 65.4 | 65.5 | 65.6 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 66.0 | 66.0 | 66.1 |
| ≥ 1800 + 1500 | 63.9 | 66.4 | 66.9 | 67.1 | 67.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.6 |
| ≥ 1200 + 1000 | 66.1 | 69.0 | 69.0 | 69.8 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 |
| ≥ 900 + 800 | 69.1 | 72.5 | 73.2 | 73.6 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 |
| ≥ 700 + 600 | 70.1 | 73.8 | 74.5 | 74.8 | 75.2 | 75.2 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 |
| ≥ 500 + 400 | 72.2 | 76.2 | 77.0 | 77.4 | 77.9 | 77.9 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.2 |
| ≥ 300 + 200 | 73.7 | 78.0 | 78.8 | 79.2 | 79.6 | 79.7 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 |
| ≥ 150 + 100 | 75.5 | 80.0 | 80.9 | 81.4 | 81.9 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 |
| ≥ 100 + 50 | 76.9 | 81.9 | 82.9 | 83.5 | 84.1 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 |
| ≥ 50 + 0 | 78.2 | 84.2 | 85.4 | 86.1 | 86.7 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 |
| ≥ 0 | 79.0 | 85.0 | 86.3 | 87.0 | 87.8 | 87.8 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.3 |
| ≥ 0 | 80.1 | 86.8 | 88.3 | 89.2 | 90.1 | 90.3 | 90.6 | 90.7 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 |
| ≥ 0 | 81.1 | 88.5 | 90.3 | 91.4 | 92.4 | 92.7 | 93.1 | 93.2 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.6 | 93.7 | 93.7 |
| ≥ 0 | 81.5 | 89.6 | 91.8 | 93.0 | 94.4 | 94.6 | 95.2 | 95.4 | 95.6 | 95.7 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 96.0 |
| ≥ 0 | 81.7 | 90.0 | 92.2 | 93.5 | 95.0 | 95.3 | 96.0 | 96.2 | 96.4 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 |
| ≥ 0 | 81.8 | 90.2 | 92.5 | 94.0 | 95.7 | 96.0 | 96.8 | 97.0 | 97.3 | 97.5 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.9 |
| ≥ 0 | 81.8 | 90.4 | 92.8 | 94.4 | 96.2 | 96.5 | 97.4 | 97.7 | 97.9 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.5 | 98.6 |
| ≥ 0 | 81.8 | 90.5 | 92.9 | 94.6 | 96.5 | 96.8 | 97.8 | 98.0 | 98.3 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 |
| ≥ 0 | 81.8 | 90.5 | 92.9 | 94.7 | 96.6 | 97.0 | 97.9 | 98.3 | 98.6 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 |
| ≥ 0 | 81.8 | 90.5 | 92.9 | 94.8 | 96.7 | 97.1 | 98.0 | 98.5 | 98.8 | 99.1 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.5 |
| ≥ 0 | 81.8 | 90.5 | 93.0 | 94.8 | 96.8 | 97.1 | 98.1 | 98.5 | 98.9 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 |
| ≥ 0 | 81.8 | 90.5 | 93.0 | 94.8 | 96.8 | 97.1 | 98.2 | 98.6 | 99.0 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 |
| ≥ 0 | 81.8 | 90.5 | 93.0 | 94.8 | 96.8 | 97.1 | 98.2 | 98.6 | 99.0 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 0 | 81.8 | 90.5 | 93.0 | 94.8 | 96.8 | 97.1 | 98.2 | 98.6 | 99.0 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 58.1 | 61.6 | 61.9 | 62.0 | 62.2 | 62.2 | 62.3 | 62.3 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 63.0 |
| ≥ 2000 | 62.4 | 65.0 | 66.7 | 66.8 | 66.9 | 66.9 | 67.0 | 67.0 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.7 |
| ≥ 1800 | 62.4 | 66.0 | 66.7 | 66.9 | 67.0 | 67.0 | 67.1 | 67.1 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.8 |
| ≥ 1600 | 62.5 | 66.1 | 66.8 | 67.0 | 67.1 | 67.1 | 67.2 | 67.2 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 68.0 |
| ≥ 1400 | 63.4 | 67.1 | 67.7 | 68.0 | 68.2 | 68.2 | 68.3 | 68.3 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 69.0 |
| ≥ 1200 | 62.2 | 68.9 | 69.8 | 70.1 | 70.3 | 70.3 | 70.4 | 70.4 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 71.2 |
| ≥ 1000 | 67.4 | 71.3 | 72.2 | 72.5 | 72.7 | 72.7 | 72.8 | 72.8 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.5 |
| ≥ 900 | 68.4 | 72.3 | 73.1 | 73.4 | 73.7 | 73.7 | 73.8 | 73.8 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.5 |
| ≥ 800 | 71.2 | 75.1 | 75.9 | 76.2 | 76.5 | 76.5 | 76.6 | 76.6 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.3 |
| ≥ 700 | 72.9 | 76.8 | 77.6 | 78.0 | 78.2 | 78.2 | 78.3 | 78.3 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 79.0 |
| ≥ 600 | 75.2 | 79.5 | 80.3 | 81.0 | 81.2 | 81.2 | 81.3 | 81.3 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 82.0 |
| ≥ 500 | 77.7 | 82.3 | 83.2 | 84.1 | 84.3 | 84.3 | 84.4 | 84.4 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 85.2 |
| ≥ 450 | 78.4 | 83.3 | 84.3 | 85.2 | 85.4 | 85.4 | 85.5 | 85.5 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 86.2 |
| ≥ 400 | 80.0 | 85.4 | 86.3 | 87.2 | 87.4 | 87.5 | 87.6 | 87.6 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.4 |
| ≥ 350 | 80.2 | 85.8 | 86.8 | 87.6 | 87.8 | 88.0 | 88.1 | 88.1 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.8 |
| ≥ 300 | 81.4 | 87.2 | 88.4 | 89.4 | 89.6 | 89.7 | 89.8 | 89.8 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.5 |
| ≥ 250 | 81.9 | 88.0 | 89.2 | 90.2 | 90.4 | 90.5 | 90.6 | 90.6 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.4 |
| ≥ 200 | 82.7 | 88.8 | 90.1 | 91.2 | 91.7 | 91.8 | 91.9 | 91.9 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.7 |
| ≥ 180 | 82.8 | 89.0 | 90.3 | 91.4 | 91.9 | 92.0 | 92.2 | 92.2 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.9 |
| ≥ 150 | 83.9 | 90.1 | 91.5 | 92.6 | 93.2 | 93.3 | 93.4 | 93.4 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.2 |
| ≥ 120 | 84.4 | 90.9 | 92.4 | 93.4 | 94.1 | 94.3 | 94.4 | 94.4 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 95.2 |
| ≥ 100 | 84.6 | 91.6 | 93.1 | 94.5 | 95.2 | 95.6 | 95.7 | 95.7 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.5 |
| ≥ 90 | 85.1 | 92.2 | 93.8 | 95.2 | 95.8 | 96.2 | 96.3 | 96.3 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 97.1 |
| ≥ 80 | 85.5 | 92.7 | 94.3 | 95.7 | 96.3 | 96.9 | 97.0 | 97.0 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.7 |
| ≥ 70 | 85.6 | 92.8 | 94.4 | 95.8 | 96.6 | 97.1 | 97.2 | 97.2 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 98.1 |
| ≥ 60 | 85.6 | 92.8 | 94.4 | 95.8 | 96.7 | 97.2 | 97.3 | 97.3 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.2 |
| ≥ 50 | 85.6 | 92.8 | 94.6 | 96.1 | 97.3 | 98.0 | 98.1 | 98.1 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.9 |
| ≥ 40 | 85.6 | 92.9 | 94.8 | 96.3 | 97.5 | 98.3 | 98.4 | 98.4 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.4 |
| ≥ 30 | 85.6 | 92.9 | 94.8 | 96.3 | 97.5 | 98.4 | 98.4 | 98.4 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 |
| ≥ 20 | 85.6 | 92.9 | 94.8 | 96.3 | 97.5 | 98.4 | 98.4 | 98.4 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| ≥ 10 | 85.6 | 92.9 | 94.8 | 96.3 | 97.5 | 98.4 | 98.4 | 98.4 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| ≥ 0 | 85.6 | 92.9 | 94.8 | 96.3 | 97.5 | 98.4 | 98.4 | 98.4 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

09-74

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|--------|--------|-------|--------|---------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 |
| NO CEILING | 48.9 | 54.4 | 55.5 | 56.1 | 56.5 | 56.5 | 56.7 | 56.7 | 56.7 | 56.7 | 56.8 | 56.8 | 57.4 | 57.4 | 57.5 | 57.8 |
| ≥ 20000 | 53.1 | 59.6 | 60.8 | 61.4 | 61.8 | 61.8 | 62.2 | 62.2 | 62.2 | 62.2 | 62.3 | 62.3 | 62.9 | 62.9 | 63.0 | 63.3 |
| ≥ 18000 | 53.5 | 60.0 | 61.2 | 61.8 | 62.3 | 62.3 | 62.6 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 | 63.3 | 63.3 | 63.4 | 63.8 |
| ≥ 16000 | 53.9 | 60.3 | 61.5 | 62.2 | 62.6 | 62.6 | 62.9 | 62.9 | 62.9 | 62.9 | 63.0 | 63.0 | 63.7 | 63.7 | 63.8 | 64.1 |
| ≥ 14000 | 54.3 | 60.9 | 62.0 | 62.8 | 63.4 | 63.4 | 63.8 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 64.5 | 64.5 | 64.6 | 64.9 |
| ≥ 12000 | 56.3 | 63.0 | 64.2 | 64.9 | 65.6 | 65.6 | 65.9 | 65.9 | 66.0 | 66.0 | 66.1 | 66.1 | 66.8 | 66.8 | 66.9 | 67.2 |
| ≥ 10000 | 59.8 | 66.7 | 68.0 | 68.8 | 69.5 | 69.5 | 69.8 | 69.8 | 69.9 | 69.9 | 70.0 | 70.0 | 70.6 | 70.6 | 70.8 | 71.1 |
| ≥ 9000 | 60.5 | 67.5 | 68.8 | 69.8 | 70.4 | 70.4 | 70.8 | 70.8 | 70.9 | 70.9 | 71.0 | 71.0 | 71.6 | 71.6 | 71.7 | 72.0 |
| ≥ 8000 | 63.0 | 70.1 | 71.5 | 72.5 | 73.2 | 73.2 | 73.5 | 73.5 | 73.7 | 73.7 | 73.8 | 73.8 | 74.4 | 74.4 | 74.5 | 74.8 |
| ≥ 7000 | 64.2 | 71.7 | 73.3 | 74.3 | 75.1 | 75.1 | 75.4 | 75.4 | 75.5 | 75.5 | 75.6 | 75.6 | 76.2 | 76.2 | 76.3 | 76.7 |
| ≥ 6000 | 64.6 | 72.3 | 74.0 | 74.9 | 75.8 | 75.8 | 76.1 | 76.1 | 76.2 | 76.2 | 76.3 | 76.3 | 77.0 | 77.0 | 77.1 | 77.4 |
| ≥ 5000 | 67.5 | 75.7 | 77.5 | 78.5 | 79.4 | 79.4 | 79.7 | 79.7 | 79.8 | 79.9 | 80.0 | 80.0 | 80.6 | 80.6 | 80.8 | 81.1 |
| ≥ 4500 | 68.1 | 76.5 | 78.4 | 79.4 | 80.2 | 80.2 | 80.5 | 80.5 | 80.6 | 80.8 | 80.9 | 80.9 | 81.5 | 81.5 | 81.6 | 81.9 |
| ≥ 4000 | 70.4 | 79.0 | 81.2 | 82.2 | 83.3 | 83.3 | 83.7 | 83.7 | 83.8 | 84.0 | 84.1 | 84.1 | 84.7 | 84.7 | 84.8 | 85.2 |
| ≥ 3500 | 71.0 | 80.1 | 82.3 | 83.2 | 84.4 | 84.4 | 84.7 | 84.7 | 84.8 | 85.1 | 85.2 | 85.2 | 85.8 | 85.8 | 85.9 | 86.2 |
| ≥ 3000 | 71.9 | 81.3 | 83.4 | 84.5 | 85.6 | 85.6 | 86.1 | 86.1 | 86.2 | 86.5 | 86.6 | 86.6 | 87.2 | 87.2 | 87.3 | 87.6 |
| ≥ 2500 | 73.4 | 83.7 | 85.5 | 86.6 | 87.8 | 87.8 | 88.2 | 88.2 | 88.3 | 88.5 | 88.6 | 88.6 | 89.2 | 89.2 | 89.4 | 89.7 |
| ≥ 2000 | 74.3 | 84.3 | 86.8 | 88.0 | 89.2 | 89.4 | 89.7 | 89.7 | 89.8 | 90.0 | 90.1 | 90.1 | 90.8 | 90.8 | 90.9 | 91.2 |
| ≥ 1800 | 74.6 | 84.7 | 87.4 | 88.6 | 90.0 | 90.1 | 90.4 | 90.4 | 90.5 | 90.8 | 90.9 | 90.9 | 91.5 | 91.5 | 91.6 | 91.9 |
| ≥ 1500 | 75.3 | 85.7 | 88.6 | 89.9 | 91.3 | 91.4 | 91.7 | 91.7 | 91.8 | 92.0 | 92.2 | 92.2 | 92.8 | 92.8 | 92.9 | 93.2 |
| ≥ 1200 | 75.8 | 87.0 | 89.9 | 91.2 | 92.6 | 92.8 | 93.1 | 93.1 | 93.2 | 93.4 | 93.5 | 93.5 | 94.2 | 94.2 | 94.3 | 94.6 |
| ≥ 1000 | 75.9 | 87.8 | 90.8 | 92.7 | 93.5 | 93.8 | 94.1 | 94.2 | 94.3 | 94.5 | 94.6 | 94.6 | 95.3 | 95.3 | 95.4 | 95.7 |
| ≥ 900 | 76.2 | 88.3 | 91.4 | 92.8 | 94.2 | 94.4 | 94.7 | 94.8 | 94.9 | 95.2 | 95.3 | 95.3 | 95.9 | 95.9 | 96.0 | 96.3 |
| ≥ 800 | 76.2 | 88.5 | 91.8 | 93.2 | 94.7 | 94.9 | 95.5 | 95.6 | 95.7 | 95.9 | 96.0 | 96.0 | 96.7 | 96.7 | 96.8 | 97.1 |
| ≥ 700 | 76.2 | 88.6 | 91.9 | 93.3 | 94.8 | 95.1 | 95.6 | 95.7 | 95.8 | 96.0 | 96.1 | 96.1 | 96.8 | 96.8 | 96.9 | 97.2 |
| ≥ 600 | 76.3 | 88.7 | 92.2 | 93.5 | 95.2 | 95.4 | 95.9 | 96.0 | 96.1 | 96.3 | 96.5 | 96.5 | 97.1 | 97.1 | 97.2 | 97.5 |
| ≥ 500 | 76.3 | 88.9 | 92.4 | 94.7 | 96.0 | 96.6 | 97.1 | 97.2 | 97.3 | 97.5 | 97.6 | 97.6 | 98.3 | 98.3 | 98.4 | 98.7 |
| ≥ 400 | 76.3 | 88.9 | 92.5 | 94.4 | 96.5 | 97.1 | 97.6 | 97.7 | 98.0 | 98.2 | 98.3 | 98.3 | 98.9 | 98.9 | 99.0 | 99.4 |
| ≥ 300 | 76.3 | 88.9 | 92.5 | 94.4 | 96.5 | 97.1 | 97.6 | 97.8 | 98.1 | 98.3 | 98.4 | 98.4 | 99.0 | 99.0 | 99.1 | 99.5 |
| ≥ 200 | 76.3 | 88.9 | 92.5 | 94.4 | 96.5 | 97.1 | 97.6 | 98.0 | 98.3 | 98.6 | 98.7 | 98.7 | 99.4 | 99.4 | 99.5 | 99.8 |
| ≥ 100 | 76.3 | 88.9 | 92.5 | 94.4 | 96.5 | 97.1 | 97.6 | 98.0 | 98.3 | 98.7 | 98.8 | 98.8 | 99.5 | 99.5 | 99.6 | 99.9 |
| ≥ 0 | 76.3 | 88.9 | 92.5 | 94.4 | 96.5 | 97.1 | 97.6 | 98.0 | 98.3 | 98.7 | 98.8 | 98.8 | 99.5 | 99.5 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-70
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥0 |
| NO CEILING ≥ 20000 | 45.2 | 50.5 | 51.4 | 52.5 | 53.5 | 53.5 | 53.8 | 53.8 | 53.9 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 |
| ≥ 18000 | 49.1 | 55.3 | 56.2 | 57.3 | 58.4 | 58.5 | 58.7 | 58.7 | 58.8 | 59.0 | 59.0 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 |
| ≥ 16000 | 49.2 | 55.6 | 56.6 | 57.6 | 58.7 | 58.8 | 59.0 | 59.0 | 59.1 | 59.4 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 |
| ≥ 14000 | 49.5 | 55.8 | 56.8 | 57.8 | 58.9 | 59.0 | 59.2 | 59.2 | 59.4 | 59.6 | 59.6 | 59.6 | 59.6 | 59.7 | 59.7 | 59.7 |
| ≥ 12000 | 50.3 | 56.7 | 57.6 | 58.7 | 59.8 | 59.9 | 60.1 | 60.1 | 60.2 | 60.4 | 60.4 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 |
| ≥ 10000 | 52.1 | 59.0 | 60.0 | 61.1 | 62.2 | 62.3 | 62.5 | 62.5 | 62.6 | 62.8 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 | 62.9 |
| ≥ 9000 | 55.9 | 62.9 | 63.9 | 64.9 | 66.1 | 66.2 | 66.6 | 66.6 | 66.7 | 66.9 | 66.9 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 |
| ≥ 8000 | 56.7 | 63.7 | 64.7 | 65.8 | 67.0 | 67.1 | 67.4 | 67.4 | 67.5 | 67.7 | 67.7 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 |
| ≥ 7000 | 59.4 | 67.0 | 68.2 | 69.4 | 70.8 | 70.9 | 71.2 | 71.2 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 |
| ≥ 6000 | 60.6 | 68.9 | 70.3 | 71.5 | 72.9 | 73.0 | 73.3 | 73.3 | 73.4 | 73.7 | 73.7 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 |
| ≥ 5000 | 61.5 | 70.2 | 71.6 | 72.8 | 74.2 | 74.3 | 74.6 | 74.6 | 74.7 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 | 75.1 |
| ≥ 4500 | 63.3 | 73.0 | 74.6 | 76.0 | 77.5 | 77.6 | 78.1 | 78.1 | 78.1 | 78.5 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 |
| ≥ 4000 | 64.1 | 73.9 | 75.6 | 77.0 | 78.6 | 78.7 | 79.1 | 79.1 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 |
| ≥ 3500 | 66.7 | 76.8 | 78.6 | 80.1 | 81.9 | 82.0 | 82.6 | 82.6 | 82.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 |
| ≥ 3000 | 67.2 | 77.4 | 79.2 | 80.8 | 82.6 | 82.7 | 83.2 | 83.2 | 83.4 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 |
| ≥ 2500 | 68.8 | 79.2 | 81.1 | 82.6 | 84.6 | 84.8 | 85.4 | 85.4 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 |
| ≥ 2000 | 70.0 | 80.9 | 82.8 | 84.5 | 86.6 | 87.0 | 87.5 | 87.5 | 87.8 | 88.1 | 88.1 | 88.1 | 88.2 | 88.3 | 88.3 | 88.3 |
| ≥ 1800 | 70.6 | 81.7 | 83.7 | 85.4 | 87.7 | 88.0 | 88.6 | 88.9 | 89.2 | 89.5 | 89.5 | 89.5 | 89.6 | 89.7 | 89.7 | 89.7 |
| ≥ 1500 | 71.2 | 82.5 | 84.4 | 86.2 | 88.6 | 88.8 | 89.6 | 89.9 | 90.2 | 90.4 | 90.4 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 |
| ≥ 1200 | 71.7 | 83.4 | 85.5 | 87.5 | 89.9 | 90.1 | 91.0 | 91.4 | 91.8 | 92.2 | 92.2 | 92.2 | 92.3 | 92.4 | 92.4 | 92.4 |
| ≥ 1000 | 72.2 | 84.2 | 86.2 | 88.3 | 90.8 | 91.1 | 91.9 | 92.4 | 92.8 | 93.1 | 93.1 | 93.1 | 93.2 | 93.3 | 93.3 | 93.3 |
| ≥ 900 | 72.8 | 85.4 | 87.4 | 89.7 | 92.2 | 92.6 | 93.4 | 94.0 | 94.4 | 94.7 | 94.7 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 |
| ≥ 800 | 72.9 | 85.7 | 87.7 | 90.1 | 92.6 | 93.0 | 94.0 | 94.5 | 94.9 | 95.3 | 95.3 | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 |
| ≥ 700 | 73.0 | 86.5 | 88.5 | 90.9 | 93.3 | 93.8 | 94.7 | 95.3 | 95.7 | 96.1 | 96.1 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 |
| ≥ 600 | 73.0 | 86.5 | 88.6 | 91.3 | 93.8 | 94.2 | 95.2 | 95.7 | 96.1 | 96.6 | 96.6 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 |
| ≥ 500 | 73.0 | 86.6 | 88.8 | 91.5 | 94.1 | 94.5 | 95.5 | 96.0 | 96.5 | 96.9 | 96.9 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 |
| ≥ 400 | 73.0 | 86.8 | 89.0 | 91.9 | 94.6 | 95.1 | 96.2 | 96.8 | 97.2 | 97.6 | 97.6 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 |
| ≥ 300 | 73.0 | 86.9 | 89.1 | 92.0 | 94.9 | 95.4 | 96.9 | 98.1 | 98.5 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 |
| ≥ 200 | 73.0 | 86.9 | 89.1 | 92.0 | 94.9 | 95.4 | 96.9 | 98.3 | 98.8 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 |
| ≥ 100 | 73.0 | 86.9 | 89.1 | 92.0 | 94.9 | 95.4 | 96.9 | 98.3 | 98.9 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 100.0 |
| ≥ 0 | 73.0 | 86.9 | 89.1 | 92.0 | 94.9 | 95.4 | 96.9 | 98.3 | 98.9 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ .16 | ≥ .1 |
| NO CEILING | 50.1 | 53.1 | 53.4 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| ≥ 20000 | 54.8 | 58.3 | 58.8 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| ≥ 18000 | 54.9 | 58.4 | 58.9 | 59.2 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 16000 | 55.3 | 58.7 | 59.2 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 14000 | 56.3 | 60.2 | 61.0 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| ≥ 12000 | 57.6 | 61.7 | 62.5 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 10000 | 60.1 | 64.3 | 65.2 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 9000 | 61.1 | 65.3 | 66.1 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 8000 | 64.3 | 69.1 | 70.0 | 70.3 | 70.4 | 70.4 | 70.4 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 7000 | 65.5 | 70.8 | 71.6 | 71.9 | 72.0 | 72.0 | 72.0 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 6000 | 66.3 | 71.8 | 72.7 | 73.0 | 73.1 | 73.1 | 73.1 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 5000 | 68.5 | 74.5 | 75.5 | 75.9 | 76.2 | 76.2 | 76.2 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 4500 | 68.9 | 75.3 | 76.2 | 76.7 | 77.0 | 77.0 | 77.0 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 4000 | 70.8 | 78.1 | 79.4 | 79.9 | 80.2 | 80.3 | 80.4 | 80.6 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 3500 | 71.5 | 78.8 | 80.1 | 80.6 | 81.0 | 81.1 | 81.2 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 3000 | 73.3 | 81.5 | 82.8 | 83.5 | 84.1 | 84.2 | 84.3 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 2500 | 74.1 | 82.5 | 83.8 | 84.5 | 85.1 | 85.2 | 85.3 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 2000 | 75.9 | 85.2 | 86.7 | 87.4 | 88.0 | 88.1 | 88.3 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 1800 | 76.5 | 86.2 | 87.4 | 88.6 | 89.1 | 89.2 | 89.3 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 1500 | 77.5 | 88.0 | 90.1 | 91.0 | 91.6 | 91.7 | 92.2 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 1200 | 78.6 | 89.7 | 91.9 | 92.9 | 93.5 | 93.7 | 94.1 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1000 | 79.1 | 91.1 | 93.5 | 94.5 | 95.2 | 95.3 | 95.8 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 900 | 79.6 | 91.6 | 94.1 | 95.2 | 95.8 | 95.9 | 96.5 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 800 | 79.9 | 92.3 | 94.7 | 96.0 | 96.7 | 96.8 | 97.3 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 700 | 80.1 | 92.6 | 95.2 | 96.6 | 97.2 | 97.4 | 98.0 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | 80.3 | 92.8 | 95.4 | 96.9 | 97.5 | 97.8 | 98.4 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 80.4 | 93.1 | 95.8 | 97.3 | 98.0 | 98.4 | 99.0 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 80.4 | 93.1 | 95.8 | 97.3 | 98.0 | 98.5 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 80.4 | 93.1 | 95.8 | 97.3 | 98.0 | 98.5 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 80.4 | 93.1 | 95.8 | 97.3 | 98.0 | 98.5 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 80.4 | 93.1 | 95.8 | 97.3 | 98.0 | 98.5 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 80.4 | 93.1 | 95.8 | 97.3 | 98.0 | 98.5 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS UTC

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|--------|------|-------|------|-------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 49.7 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| ≥ 20000 | 56.6 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| ≥ 18000 | 56.7 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| ≥ 16000 | 56.9 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 14000 | 58.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 12000 | 60.0 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 10000 | 63.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 9000 | 63.5 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 8000 | 66.3 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 7000 | 68.0 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 6000 | 69.7 | 73.1 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 5000 | 72.2 | 76.1 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 4500 | 72.7 | 76.8 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 4000 | 74.9 | 79.8 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 3500 | 77.5 | 82.8 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 3000 | 81.0 | 86.7 | 87.3 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 2500 | 83.1 | 89.2 | 89.9 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 2000 | 84.3 | 91.4 | 92.2 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 1800 | 84.8 | 92.5 | 93.2 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1500 | 85.5 | 93.7 | 94.4 | 94.5 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1200 | 86.7 | 94.9 | 95.9 | 96.3 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1000 | 87.1 | 96.2 | 97.2 | 97.7 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 900 | 87.2 | 96.6 | 97.5 | 98.1 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 800 | 87.2 | 97.0 | 98.2 | 98.7 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 87.2 | 97.0 | 98.2 | 98.7 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 87.2 | 97.1 | 98.3 | 98.9 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 87.2 | 97.2 | 98.4 | 99.0 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 87.2 | 97.2 | 98.4 | 99.0 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 87.2 | 97.2 | 98.4 | 99.0 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 87.2 | 97.2 | 98.4 | 99.0 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 87.2 | 97.2 | 98.4 | 99.0 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 87.2 | 97.2 | 98.4 | 99.0 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 55.7 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| ≥ 20000 | 62.8 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 18000 | 63.1 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| IV 16000 | 63.3 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 14000 | 64.0 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| IV 12000 | 65.8 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 10000 | 68.6 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| IV 9000 | 69.9 | 70.6 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| IV 8000 | 71.7 | 72.5 | 72.6 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| IV 7000 | 73.1 | 73.9 | 74.0 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| IV 6000 | 74.3 | 75.5 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| IV 5000 | 77.2 | 78.9 | 79.0 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| IV 4500 | 78.5 | 80.2 | 80.3 | 80.6 | 80.6 | 80.6 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| IV 4000 | 83.1 | 85.2 | 85.5 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| IV 3500 | 84.9 | 87.2 | 87.5 | 87.8 | 87.8 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| IV 3000 | 86.8 | 89.1 | 89.6 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| IV 2500 | 88.1 | 90.5 | 91.0 | 91.3 | 91.3 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| IV 2000 | 89.6 | 92.4 | 92.9 | 93.2 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| IV 1800 | 90.1 | 92.9 | 93.4 | 93.8 | 93.8 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| IV 1500 | 91.1 | 94.3 | 94.9 | 95.3 | 95.4 | 95.4 | 95.7 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| IV 1200 | 91.5 | 95.2 | 95.8 | 96.3 | 96.6 | 96.6 | 96.9 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 1000 | 92.2 | 96.3 | 97.2 | 97.7 | 98.0 | 98.0 | 98.3 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 900 | 92.2 | 96.6 | 97.4 | 98.0 | 98.3 | 98.3 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 800 | 92.2 | 96.6 | 97.4 | 98.0 | 98.3 | 98.3 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 700 | 92.2 | 96.9 | 97.7 | 98.3 | 98.6 | 98.6 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 600 | 92.2 | 97.0 | 97.8 | 98.4 | 98.7 | 98.7 | 99.0 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 500 | 92.2 | 97.0 | 97.8 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 400 | 92.2 | 97.0 | 97.8 | 98.4 | 98.9 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 92.2 | 97.0 | 97.8 | 98.4 | 98.9 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 92.2 | 97.0 | 97.8 | 98.4 | 98.9 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 92.2 | 97.0 | 97.8 | 98.4 | 98.9 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 92.2 | 97.0 | 97.8 | 98.4 | 98.9 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC

FORM 11-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ 0 |
| NO CEILING | 59.8 | 60.1 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.5 | 60.8 | 60.8 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 20000 | 66.6 | 67.0 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 18000 | 67.1 | 67.6 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.1 | 68.3 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 16000 | 67.8 | 68.4 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 14000 | 68.7 | 69.4 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.8 | 70.0 | 70.0 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 12000 | 70.5 | 71.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.9 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 10000 | 72.0 | 72.9 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 9000 | 72.7 | 73.7 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 8000 | 75.6 | 76.6 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 7000 | 76.6 | 77.5 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 78.0 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 6000 | 78.3 | 79.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.1 | 80.3 | 80.3 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 5000 | 80.8 | 82.5 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 4500 | 81.6 | 83.4 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 4000 | 84.1 | 86.1 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 3500 | 85.2 | 87.3 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 3000 | 86.2 | 88.9 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 2500 | 87.6 | 90.8 | 91.3 | 91.4 | 91.6 | 91.6 | 91.6 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 2000 | 88.0 | 91.6 | 92.2 | 92.3 | 92.5 | 92.5 | 92.5 | 92.6 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 1800 | 88.6 | 92.3 | 92.8 | 93.0 | 93.2 | 93.2 | 93.2 | 93.3 | 93.7 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 1500 | 89.7 | 93.8 | 94.3 | 94.5 | 95.1 | 95.1 | 95.1 | 95.3 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1200 | 90.0 | 94.3 | 94.9 | 95.3 | 96.0 | 96.0 | 96.0 | 96.5 | 96.8 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1000 | 90.2 | 94.6 | 95.4 | 95.7 | 96.5 | 96.5 | 96.6 | 97.0 | 97.3 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 900 | 90.4 | 95.1 | 95.9 | 96.3 | 97.1 | 97.1 | 97.2 | 97.6 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | 90.4 | 95.2 | 96.3 | 96.9 | 97.6 | 97.6 | 98.0 | 98.4 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 90.4 | 95.4 | 96.6 | 97.1 | 97.8 | 97.8 | 98.2 | 98.7 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 600 | 90.4 | 95.4 | 96.7 | 97.2 | 98.0 | 98.0 | 98.3 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 90.4 | 95.4 | 96.7 | 97.2 | 98.1 | 98.1 | 98.4 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 90.4 | 95.4 | 96.7 | 97.2 | 98.1 | 98.2 | 98.5 | 99.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 90.4 | 95.4 | 96.7 | 97.2 | 98.1 | 98.2 | 98.6 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 90.4 | 95.4 | 96.7 | 97.2 | 98.1 | 98.2 | 98.6 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 90.4 | 95.4 | 96.7 | 97.2 | 98.1 | 98.2 | 98.6 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 90.4 | 95.4 | 96.7 | 97.2 | 98.1 | 98.2 | 98.6 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.T.

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .8 | ≥ .6 | ≥ .5 | ≥ .4 | ≥ .3 | ≥ 0 |
| NO CEILING | 62.0 | 63.0 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.5 | 63.5 | 63.5 | 63.8 |
| ≥ 20000 | 67.4 | 68.6 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.1 | 69.1 | 69.1 | 69.4 |
| ≥ 18000 | 67.8 | 69.0 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.6 | 69.6 | 69.6 | 69.8 |
| ≥ 16000 | 68.3 | 69.5 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 70.0 | 70.0 | 70.0 | 70.2 |
| ≥ 14000 | 69.8 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.7 |
| ≥ 12000 | 71.4 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.3 | 73.3 | 73.3 | 73.5 |
| ≥ 10000 | 73.1 | 74.8 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.5 | 75.5 | 75.5 | 75.7 |
| ≥ 9000 | 73.8 | 75.6 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.3 | 76.3 | 76.3 | 76.6 |
| ≥ 8000 | 76.3 | 78.3 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 79.1 | 79.1 | 79.1 | 79.4 |
| ≥ 7000 | 76.8 | 78.7 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.6 | 79.6 | 79.6 | 79.8 |
| ≥ 6000 | 78.8 | 81.0 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.8 | 81.8 | 81.8 | 82.0 |
| ≥ 5000 | 81.2 | 83.7 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.8 | 84.8 | 84.8 | 85.1 |
| ≥ 4500 | 81.8 | 84.3 | 85.1 | 85.3 | 85.3 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.8 |
| ≥ 4000 | 84.1 | 87.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.6 | 88.6 | 88.6 | 88.8 |
| ≥ 3500 | 84.6 | 87.6 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 89.1 | 89.1 | 89.1 | 89.4 |
| ≥ 3000 | 85.9 | 89.1 | 90.1 | 90.3 | 90.3 | 90.3 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.8 | 90.8 | 90.8 | 91.0 |
| ≥ 2500 | 87.0 | 90.5 | 91.6 | 91.8 | 91.8 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.3 | 92.3 | 92.3 | 92.5 |
| ≥ 2000 | 87.5 | 91.4 | 92.5 | 92.9 | 92.9 | 92.9 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.5 |
| ≥ 1800 | 87.8 | 91.7 | 92.8 | 93.3 | 93.3 | 93.3 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.8 | 93.8 | 93.8 | 94.0 |
| ≥ 1500 | 88.4 | 92.5 | 93.5 | 94.2 | 94.2 | 94.2 | 94.3 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.9 |
| ≥ 1200 | 88.7 | 93.1 | 94.2 | 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.8 | 95.8 | 95.8 | 96.0 |
| ≥ 1000 | 88.7 | 93.3 | 94.4 | 95.4 | 95.8 | 95.9 | 96.2 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.9 |
| ≥ 900 | 89.0 | 93.9 | 94.9 | 95.9 | 96.5 | 96.6 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.6 |
| ≥ 800 | 89.2 | 94.2 | 95.3 | 96.2 | 96.8 | 96.9 | 97.2 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 98.1 |
| ≥ 700 | 89.4 | 94.3 | 95.4 | 96.5 | 97.0 | 97.1 | 97.5 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.4 |
| ≥ 600 | 89.5 | 94.6 | 96.0 | 97.1 | 97.6 | 97.7 | 98.2 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 99.1 |
| ≥ 500 | 89.5 | 94.6 | 96.0 | 97.2 | 97.7 | 97.8 | 98.4 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.4 |
| ≥ 400 | 89.5 | 94.6 | 96.0 | 97.2 | 97.7 | 97.8 | 98.4 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 |
| ≥ 300 | 89.5 | 94.6 | 96.0 | 97.3 | 97.8 | 98.0 | 98.5 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 |
| ≥ 200 | 89.5 | 94.6 | 96.0 | 97.3 | 97.8 | 98.0 | 98.5 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 |
| ≥ 100 | 89.5 | 94.6 | 96.0 | 97.3 | 97.8 | 98.0 | 98.5 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 100.0 |
| ≥ 0 | 89.5 | 94.6 | 96.0 | 97.3 | 97.8 | 98.0 | 98.5 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949 OFFUTT AFB NE

69-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 11 51

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥8 | ≥6 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 53.7 | 56.3 | 56.7 | 56.9 | 57.1 | 57.1 | 57.2 | 57.2 | 57.3 | 57.3 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.6 |
| ≥ 20000 | 59.1 | 62.1 | 62.6 | 62.8 | 63.1 | 63.1 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 | 63.5 | 63.5 | 63.6 |
| ≥ 18000 | 59.4 | 62.4 | 62.9 | 63.2 | 63.4 | 63.4 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.8 | 63.8 | 63.8 | 63.9 |
| ≥ 16000 | 59.7 | 62.7 | 63.2 | 63.5 | 63.7 | 63.7 | 63.8 | 63.8 | 63.9 | 63.9 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.2 |
| ≥ 14000 | 60.8 | 63.9 | 64.4 | 64.7 | 65.0 | 65.0 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 | 65.4 | 65.5 |
| ≥ 12000 | 62.4 | 65.7 | 66.2 | 66.5 | 66.8 | 66.8 | 66.9 | 66.9 | 67.0 | 67.0 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.3 |
| ≥ 10000 | 65.0 | 68.5 | 69.1 | 69.4 | 69.7 | 69.7 | 69.8 | 69.8 | 69.9 | 69.9 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.2 |
| ≥ 9000 | 65.8 | 69.3 | 70.0 | 70.3 | 70.6 | 70.6 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 71.0 | 71.0 | 71.0 | 71.1 |
| ≥ 8000 | 68.5 | 72.2 | 72.9 | 73.3 | 73.6 | 73.6 | 73.7 | 73.7 | 73.8 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.1 |
| ≥ 7000 | 69.7 | 73.6 | 74.4 | 74.7 | 75.1 | 75.1 | 75.2 | 75.2 | 75.3 | 75.3 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.6 |
| ≥ 6000 | 71.1 | 75.4 | 76.1 | 76.6 | 76.9 | 76.9 | 77.0 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.4 | 77.5 |
| ≥ 5000 | 73.5 | 78.3 | 79.2 | 79.7 | 80.1 | 80.1 | 80.2 | 80.3 | 80.4 | 80.4 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.7 |
| ≥ 4500 | 74.2 | 79.7 | 80.1 | 80.6 | 81.0 | 81.0 | 81.1 | 81.2 | 81.3 | 81.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.6 |
| ≥ 4000 | 76.8 | 82.2 | 83.2 | 83.8 | 84.2 | 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.9 |
| ≥ 3500 | 77.8 | 83.4 | 84.4 | 85.0 | 85.5 | 85.5 | 85.6 | 85.7 | 85.8 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.1 |
| ≥ 3000 | 79.4 | 85.4 | 86.4 | 87.1 | 87.7 | 87.7 | 87.9 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.4 |
| ≥ 2500 | 80.7 | 86.9 | 88.1 | 88.8 | 89.4 | 89.4 | 89.6 | 89.7 | 89.8 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.1 |
| ≥ 2000 | 81.6 | 87.3 | 89.6 | 90.3 | 91.0 | 91.0 | 91.2 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.7 | 91.7 | 91.7 | 91.8 |
| ≥ 1800 | 82.1 | 89.0 | 90.3 | 91.0 | 91.7 | 91.7 | 92.0 | 92.1 | 92.2 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.6 |
| ≥ 1500 | 82.9 | 90.2 | 91.6 | 92.4 | 93.2 | 93.2 | 94.5 | 94.5 | 95.0 | 95.2 | 95.3 | 95.3 | 95.4 | 95.4 | 95.5 | 95.6 |
| ≥ 1200 | 83.5 | 91.2 | 92.7 | 93.6 | 94.4 | 94.5 | 94.8 | 95.0 | 95.2 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.5 | 95.6 |
| ≥ 1000 | 83.8 | 92.1 | 93.6 | 94.7 | 95.5 | 95.7 | 96.0 | 96.2 | 96.4 | 96.5 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.8 |
| ≥ 900 | 84.1 | 92.5 | 94.1 | 95.2 | 96.1 | 96.2 | 96.6 | 96.8 | 97.0 | 97.1 | 97.1 | 97.1 | 97.2 | 97.3 | 97.3 | 97.4 |
| ≥ 800 | 84.2 | 92.8 | 94.6 | 95.7 | 96.6 | 96.8 | 97.2 | 97.4 | 97.6 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 98.0 |
| ≥ 700 | 84.3 | 93.0 | 94.7 | 95.9 | 96.9 | 97.1 | 97.5 | 97.7 | 97.9 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 600 | 84.3 | 93.1 | 94.9 | 96.2 | 97.2 | 97.4 | 97.8 | 98.0 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.7 |
| ≥ 500 | 84.3 | 93.2 | 95.1 | 96.4 | 97.5 | 97.7 | 98.3 | 98.5 | 98.8 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 |
| ≥ 400 | 84.3 | 93.3 | 95.1 | 96.5 | 97.6 | 98.0 | 98.5 | 98.9 | 99.2 | 99.3 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 |
| ≥ 300 | 84.3 | 93.3 | 95.1 | 96.5 | 97.7 | 98.0 | 98.6 | 99.0 | 99.3 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 |
| ≥ 200 | 84.3 | 93.3 | 95.1 | 96.5 | 97.7 | 98.0 | 98.6 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 100 | 84.3 | 93.3 | 95.1 | 96.5 | 97.7 | 98.0 | 98.6 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 |
| ≥ 0 | 84.3 | 93.3 | 95.1 | 96.5 | 97.7 | 98.0 | 98.6 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

69-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LT

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 |
| NO CEILING | 73.6 | 76.1 | 76.3 | 76.4 | 77.0 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 20000 | 78.6 | 81.2 | 81.4 | 81.6 | 82.1 | 82.2 | 82.3 | 82.4 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 18000 | 78.9 | 81.6 | 81.8 | 81.9 | 82.4 | 82.6 | 82.7 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 16000 | 79.2 | 81.9 | 82.1 | 82.2 | 82.8 | 82.9 | 83.0 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 14000 | 79.7 | 82.4 | 82.7 | 82.8 | 83.3 | 83.4 | 83.6 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 12000 | 80.9 | 83.9 | 84.1 | 84.2 | 84.8 | 84.9 | 85.0 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 10000 | 84.1 | 87.3 | 87.6 | 87.7 | 88.2 | 88.3 | 88.4 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 9000 | 84.4 | 87.7 | 87.9 | 88.0 | 88.6 | 88.7 | 88.8 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 8000 | 85.3 | 88.7 | 88.9 | 89.0 | 89.6 | 89.7 | 89.8 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 7000 | 85.4 | 89.1 | 89.2 | 89.4 | 90.0 | 90.1 | 90.2 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 6000 | 86.2 | 89.6 | 89.8 | 89.9 | 90.4 | 90.6 | 90.7 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 5000 | 87.9 | 91.3 | 91.6 | 91.7 | 92.2 | 92.3 | 92.4 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 4500 | 87.9 | 91.4 | 91.7 | 91.8 | 92.3 | 92.4 | 92.7 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 4000 | 88.8 | 93.0 | 93.2 | 93.3 | 93.9 | 94.0 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 3500 | 89.0 | 93.7 | 93.8 | 93.8 | 94.1 | 94.2 | 94.4 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 3000 | 89.3 | 93.6 | 93.8 | 94.0 | 94.6 | 94.7 | 94.9 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 2500 | 89.7 | 94.1 | 94.4 | 94.7 | 95.2 | 95.3 | 95.7 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 2000 | 90.2 | 95.0 | 95.4 | 95.7 | 96.3 | 96.4 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1800 | 90.4 | 95.2 | 95.7 | 95.9 | 96.6 | 96.7 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1500 | 91.0 | 95.9 | 96.2 | 96.6 | 97.2 | 97.3 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 1200 | 91.1 | 96.2 | 96.8 | 97.0 | 97.7 | 97.9 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1000 | 92.0 | 97.2 | 97.4 | 98.0 | 98.8 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 900 | 92.0 | 97.2 | 97.8 | 98.0 | 98.9 | 99.1 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 800 | 92.0 | 97.2 | 97.8 | 98.0 | 98.9 | 99.1 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 92.0 | 97.2 | 97.8 | 98.0 | 98.9 | 99.1 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 92.1 | 97.3 | 97.9 | 98.1 | 99.0 | 99.2 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 92.1 | 97.3 | 97.9 | 98.1 | 99.0 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 92.1 | 97.3 | 97.9 | 98.1 | 99.0 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 92.1 | 97.3 | 97.9 | 98.1 | 99.0 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 92.1 | 97.3 | 97.9 | 98.1 | 99.0 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 92.1 | 97.3 | 97.9 | 98.1 | 99.0 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ U | 92.1 | 97.3 | 97.9 | 98.1 | 99.0 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING FEET | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|-------|------|-------|------|-------|--------|--------|-------|--------|---------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 |
| NO CEILING | 64.7 | 67.8 | 68.4 | 68.7 | 69.7 | 69.7 | 70.1 | 70.2 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.6 | 70.6 | 70.6 |
| ≥ 20000 | 71.1 | 74.3 | 75.0 | 75.2 | 76.2 | 76.2 | 76.7 | 76.8 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 |
| ≥ 18000 | 71.3 | 74.7 | 75.3 | 75.6 | 76.6 | 76.6 | 77.0 | 77.1 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 |
| ≥ 16000 | 71.8 | 75.1 | 75.8 | 76.0 | 77.0 | 77.0 | 77.4 | 77.6 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 |
| ≥ 14000 | 72.7 | 76.1 | 76.8 | 77.0 | 78.0 | 78.0 | 78.4 | 78.6 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 |
| ≥ 12000 | 74.8 | 78.3 | 79.0 | 79.2 | 80.2 | 80.3 | 80.8 | 80.9 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 |
| ≥ 10000 | 78.2 | 82.0 | 82.8 | 83.0 | 84.0 | 84.1 | 84.6 | 84.7 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 |
| ≥ 9000 | 79.0 | 82.8 | 83.6 | 83.9 | 84.9 | 85.0 | 85.4 | 85.6 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 |
| ≥ 8000 | 80.0 | 83.8 | 84.6 | 84.9 | 86.0 | 86.1 | 86.6 | 86.7 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 |
| ≥ 7000 | 80.9 | 84.8 | 85.7 | 86.0 | 87.2 | 87.3 | 87.8 | 87.9 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 |
| ≥ 6000 | 81.8 | 85.7 | 86.6 | 86.9 | 88.1 | 88.2 | 88.7 | 88.8 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 |
| ≥ 5000 | 81.0 | 87.1 | 88.1 | 88.4 | 89.8 | 89.9 | 90.3 | 90.4 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 |
| ≥ 4500 | 83.0 | 87.1 | 88.1 | 88.4 | 89.8 | 89.9 | 90.3 | 90.4 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 |
| ≥ 4000 | 84.2 | 88.4 | 89.4 | 89.8 | 91.1 | 91.2 | 91.7 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 |
| ≥ 3500 | 84.8 | 89.1 | 90.1 | 90.4 | 91.8 | 91.9 | 92.3 | 92.4 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 |
| ≥ 3000 | 86.6 | 91.0 | 92.0 | 92.6 | 94.1 | 94.2 | 94.7 | 94.8 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 |
| ≥ 2500 | 86.7 | 91.1 | 92.1 | 92.7 | 94.2 | 94.3 | 94.8 | 94.9 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 |
| ≥ 2000 | 87.2 | 91.8 | 92.8 | 93.3 | 94.9 | 95.0 | 95.4 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 |
| ≥ 1800 | 87.2 | 91.8 | 92.8 | 93.3 | 94.9 | 95.0 | 95.4 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 |
| ≥ 1500 | 87.7 | 92.3 | 93.3 | 93.9 | 95.4 | 95.6 | 96.0 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 |
| ≥ 1200 | 87.9 | 93.1 | 94.2 | 94.8 | 96.4 | 96.6 | 97.0 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 |
| ≥ 1000 | 88.7 | 93.9 | 95.1 | 95.9 | 97.6 | 97.7 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 |
| ≥ 900 | 88.7 | 93.9 | 95.1 | 95.9 | 97.6 | 97.7 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 |
| ≥ 800 | 88.7 | 93.9 | 95.1 | 95.9 | 97.8 | 97.9 | 98.4 | 98.6 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 |
| ≥ 700 | 88.7 | 94.0 | 95.3 | 96.1 | 98.1 | 98.2 | 98.8 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 88.7 | 94.0 | 95.3 | 96.1 | 98.1 | 98.2 | 98.8 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 88.7 | 94.1 | 95.4 | 96.3 | 98.3 | 98.4 | 99.0 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 88.7 | 94.2 | 95.6 | 96.4 | 98.4 | 98.6 | 99.1 | 99.2 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 88.7 | 94.2 | 95.6 | 96.4 | 98.4 | 98.6 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 88.7 | 94.2 | 95.6 | 96.4 | 98.4 | 98.6 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 88.7 | 94.2 | 95.6 | 96.4 | 98.4 | 98.6 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 88.7 | 94.2 | 95.6 | 96.4 | 98.4 | 98.6 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|--------|--------|-------|--------|---------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0 |
| NO CEILING | 57.3 | 61.9 | 62.9 | 63.2 | 63.8 | 64.0 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 20000 | 64.0 | 69.4 | 70.4 | 70.8 | 71.3 | 71.6 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 18000 | 64.7 | 70.1 | 71.1 | 71.4 | 72.0 | 72.2 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 |
| ≥ 16000 | 64.7 | 70.1 | 71.1 | 71.4 | 72.0 | 72.2 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 |
| ≥ 14000 | 65.8 | 71.3 | 72.3 | 72.7 | 73.2 | 73.4 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 |
| ≥ 12000 | 68.9 | 74.6 | 75.6 | 75.9 | 76.4 | 76.8 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 |
| ≥ 10000 | 73.2 | 79.0 | 80.0 | 80.3 | 81.0 | 81.3 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 |
| ≥ 9000 | 74.4 | 80.3 | 81.3 | 81.7 | 82.3 | 82.7 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 |
| ≥ 8000 | 76.3 | 82.7 | 83.2 | 83.7 | 84.3 | 84.7 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 |
| ≥ 7000 | 78.2 | 84.2 | 85.2 | 85.7 | 86.3 | 86.7 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 |
| ≥ 6000 | 78.8 | 84.7 | 85.7 | 86.1 | 86.8 | 87.1 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 |
| ≥ 5000 | 80.2 | 86.1 | 87.1 | 87.6 | 88.2 | 88.6 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 |
| ≥ 4500 | 80.3 | 86.7 | 87.2 | 87.7 | 88.3 | 88.7 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 |
| ≥ 4000 | 81.6 | 87.6 | 88.6 | 89.0 | 89.7 | 90.0 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.6 | 90.6 | 90.6 |
| ≥ 3500 | 82.9 | 89.0 | 90.0 | 90.4 | 91.1 | 91.4 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 |
| ≥ 3000 | 84.0 | 90.2 | 91.2 | 91.7 | 92.3 | 92.7 | 93.3 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 |
| ≥ 2500 | 84.3 | 90.7 | 91.8 | 92.3 | 93.0 | 93.3 | 94.0 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 |
| ≥ 2000 | 84.6 | 91.4 | 92.6 | 93.2 | 93.9 | 94.2 | 95.0 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 |
| ≥ 1800 | 84.9 | 91.9 | 93.0 | 93.8 | 94.6 | 94.9 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 |
| ≥ 1500 | 85.4 | 92.7 | 93.8 | 94.6 | 95.3 | 95.7 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 |
| ≥ 1200 | 85.8 | 93.0 | 94.2 | 95.0 | 95.8 | 96.1 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 |
| ≥ 1000 | 86.1 | 93.6 | 94.9 | 95.7 | 96.8 | 97.1 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 |
| ≥ 900 | 86.2 | 93.7 | 95.0 | 95.8 | 96.9 | 97.2 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 |
| ≥ 800 | 86.4 | 94.1 | 95.7 | 96.4 | 97.6 | 97.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 86.4 | 94.1 | 95.7 | 96.7 | 97.8 | 98.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 86.4 | 94.1 | 95.7 | 96.8 | 97.9 | 98.2 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 86.4 | 94.1 | 95.7 | 96.9 | 98.0 | 98.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 86.4 | 94.1 | 95.7 | 96.9 | 98.0 | 98.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 86.4 | 94.1 | 95.7 | 96.9 | 98.0 | 98.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 86.4 | 94.1 | 95.7 | 96.9 | 98.0 | 98.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 86.4 | 94.1 | 95.7 | 96.9 | 98.0 | 98.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 86.4 | 94.1 | 95.7 | 96.9 | 98.0 | 98.3 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-73
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥.5 | ≥.25 | ≥.1 | ≥.05 | ≥.025 | ≥.01 | ≥0 |
| NO CEILING ≥ 20000 | 61.9 67.3 | 64.3 70.4 | 64.6 70.8 | 64.9 71.2 | 65.3 71.7 | 65.3 71.7 | 65.3 71.7 | 65.3 71.7 | 65.3 71.7 | 65.3 71.7 | 65.3 71.7 | 65.3 71.7 | 65.3 71.7 | 65.3 71.7 | 65.3 71.7 | 65.3 71.7 |
| ≥ 18000 ≥ 16000 | 67.7 68.0 | 70.8 71.1 | 71.1 71.4 | 71.6 71.9 | 72.0 72.3 | 72.0 72.3 | 72.0 72.3 | 72.0 72.3 | 72.0 72.3 | 72.0 72.3 | 72.0 72.3 | 72.0 72.3 | 72.0 72.3 | 72.0 72.3 | 72.0 72.3 | 72.0 72.3 |
| ≥ 14000 ≥ 12000 | 69.7 72.1 | 72.9 75.6 | 73.2 75.9 | 73.7 76.3 | 74.1 76.8 | 74.1 76.8 | 74.1 76.8 | 74.1 76.8 | 74.1 76.8 | 74.1 76.8 | 74.1 76.8 | 74.1 76.8 | 74.1 76.8 | 74.1 76.8 | 74.1 76.8 | 74.1 76.8 |
| ≥ 10000 ≥ 9000 | 76.4 77.3 | 80.0 80.9 | 80.3 81.2 | 80.8 81.7 | 81.2 82.1 | 81.2 82.1 | 81.2 82.1 | 81.2 82.1 | 81.2 82.1 | 81.2 82.1 | 81.2 82.1 | 81.2 82.1 | 81.2 82.1 | 81.2 82.1 | 81.2 82.1 | 81.2 82.1 |
| ≥ 8000 ≥ 7000 | 80.0 82.0 | 83.6 85.6 | 83.9 85.9 | 84.3 86.3 | 84.8 86.8 | 84.8 86.8 | 84.8 86.8 | 84.8 86.8 | 84.8 86.8 | 84.8 86.8 | 84.8 86.8 | 84.8 86.8 | 84.8 86.8 | 84.8 86.8 | 84.8 86.8 | 84.8 86.8 |
| ≥ 6000 ≥ 5000 | 83.2 84.7 | 86.8 88.6 | 87.1 88.9 | 87.6 89.3 | 88.0 89.8 | 88.0 89.8 | 88.0 89.8 | 88.0 89.8 | 88.0 89.8 | 88.0 89.8 | 88.0 89.8 | 88.0 89.8 | 88.0 89.8 | 88.0 89.8 | 88.0 89.8 | 88.0 89.8 |
| ≥ 4500 ≥ 4000 | 84.8 86.2 | 88.8 90.3 | 89.1 90.7 | 89.6 91.2 | 90.0 91.7 | 90.0 91.7 | 90.0 91.7 | 90.0 91.7 | 90.0 91.7 | 90.0 91.7 | 90.0 91.7 | 90.0 91.7 | 90.0 91.7 | 90.0 91.7 | 90.0 91.7 | 90.0 91.7 |
| ≥ 3500 ≥ 3000 | 87.4 88.7 | 91.6 93.0 | 91.9 93.4 | 92.4 94.0 | 92.9 94.7 | 92.9 94.7 | 92.9 94.7 | 92.9 94.7 | 92.9 94.7 | 92.9 94.7 | 92.9 94.7 | 92.9 94.7 | 92.9 94.7 | 92.9 94.7 | 92.9 94.7 | 92.9 94.7 |
| ≥ 2500 ≥ 2000 | 89.4 90.2 | 93.9 94.8 | 94.3 95.3 | 94.9 95.9 | 95.6 96.8 | 95.6 96.8 | 95.6 96.8 | 95.6 96.8 | 95.6 96.8 | 95.6 96.8 | 95.6 96.8 | 95.6 96.8 | 95.6 96.8 | 95.6 96.8 | 95.6 96.8 | 95.6 96.8 |
| ≥ 1800 ≥ 1500 | 90.6 91.0 | 95.1 95.6 | 95.7 96.1 | 96.2 96.7 | 97.2 97.6 | 97.2 97.8 | 97.2 97.8 | 97.2 97.8 | 97.2 97.8 | 97.2 97.8 | 97.2 97.8 | 97.2 97.8 | 97.2 97.8 | 97.2 97.8 | 97.2 97.8 | 97.2 97.8 |
| ≥ 1200 ≥ 1000 | 91.1 91.2 | 96.0 96.4 | 96.9 97.3 | 97.4 97.9 | 98.9 99.3 | 98.9 99.3 | 98.9 99.3 | 98.9 99.3 | 98.9 99.3 | 98.9 99.3 | 98.9 99.3 | 98.9 99.3 | 98.9 99.3 | 98.9 99.3 | 98.9 99.3 | 98.9 99.3 |
| ≥ 900 ≥ 800 | 91.2 91.2 | 96.4 96.4 | 97.3 97.3 | 97.9 97.9 | 99.4 99.7 | 99.4 99.7 | 99.4 99.7 | 99.4 99.7 | 99.4 99.7 | 99.4 99.7 | 99.4 99.7 | 99.4 99.7 | 99.4 99.7 | 99.4 99.7 | 99.4 99.7 | 99.4 99.7 |
| ≥ 700 ≥ 600 | 91.2 91.2 | 96.6 96.6 | 97.4 97.4 | 98.0 98.0 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 |
| ≥ 500 ≥ 400 | 91.3 91.3 | 96.7 96.7 | 97.6 97.6 | 98.1 98.1 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 |
| ≥ 300 ≥ 200 | 91.3 91.3 | 96.7 96.7 | 97.6 97.6 | 98.1 98.1 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 |
| ≥ 100 ≥ 0 | 91.3 91.3 | 96.7 96.7 | 97.6 97.6 | 98.1 98.1 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC

1 JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 65.3 | 66.2 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 20000 | 72.8 | 74.0 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| IV 18000 | 74.1 | 75.3 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| IV 16000 | 74.3 | 75.6 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| IV 14000 | 74.9 | 76.1 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| IV 12000 | 77.7 | 78.9 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| IV 10000 | 81.2 | 82.6 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| IV 9000 | 81.6 | 82.9 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| IV 8000 | 83.3 | 84.9 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| IV 7000 | 84.2 | 85.8 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 6000 | 84.4 | 86.1 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| IV 5000 | 87.1 | 89.0 | 89.9 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| IV 4500 | 88.4 | 90.3 | 91.2 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 4000 | 90.9 | 92.8 | 93.7 | 94.0 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| IV 3500 | 91.7 | 93.6 | 94.4 | 94.8 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| IV 3000 | 93.2 | 95.1 | 96.0 | 96.3 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| IV 2500 | 94.2 | 96.7 | 97.1 | 97.4 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| IV 2000 | 94.4 | 96.6 | 97.4 | 97.8 | 98.2 | 98.2 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 1800 | 94.6 | 96.7 | 97.6 | 97.9 | 98.3 | 98.3 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV 1500 | 94.7 | 96.9 | 97.8 | 98.1 | 98.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 1200 | 94.9 | 97.1 | 98.0 | 98.4 | 99.1 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 1000 | 94.9 | 97.1 | 98.0 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 94.9 | 97.1 | 98.0 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 94.9 | 97.1 | 98.0 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 94.9 | 97.1 | 98.0 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 94.9 | 97.1 | 98.0 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 94.9 | 97.1 | 98.0 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 94.9 | 97.1 | 98.0 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 94.9 | 97.1 | 98.0 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 94.9 | 97.1 | 98.0 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 94.9 | 97.1 | 98.0 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 94.9 | 97.1 | 98.0 | 98.4 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

1978
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ .15 | ≥ 0 |
| NO CEILING ≥ 20000 | 68.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 18000 | 77.8 | 79.0 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 16000 | 78.2 | 79.4 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 14000 | 78.7 | 79.9 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 12000 | 78.9 | 80.1 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 10000 | 80.9 | 82.1 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 9000 | 83.7 | 85.0 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 8000 | 84.0 | 85.3 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 7000 | 85.7 | 87.0 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 6000 | 86.4 | 87.8 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 5000 | 87.2 | 88.7 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 4500 | 89.2 | 90.8 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 4000 | 89.7 | 91.2 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 3500 | 92.0 | 93.9 | 94.6 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 3000 | 93.1 | 95.0 | 95.7 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 2500 | 94.8 | 97.0 | 97.8 | 98.1 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 2000 | 95.6 | 97.8 | 98.6 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1800 | 95.6 | 97.8 | 98.6 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1500 | 95.7 | 97.9 | 98.7 | 99.0 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1200 | 95.9 | 98.1 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 95.9 | 98.1 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 95.9 | 98.1 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 95.9 | 98.1 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 95.9 | 98.1 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 95.9 | 98.1 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 95.9 | 98.1 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 95.9 | 98.1 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 95.9 | 98.1 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.9 | 98.1 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.9 | 98.1 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.9 | 98.1 | 98.9 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

40

6

RESULTS

MONTH

1800-2000
HOURS 11 51

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900

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

| CEILING FEET. | VISIBILITY STATUTE MILES. | | | | | | | | | | | | | | | |
|------------------|---------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.16 | ≥.1 |
| NO CEILING | 75.4 | 76.7 | 76.8 | 76.8 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 20000 | 80.8 | 82.3 | 82.4 | 82.4 | 82.8 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 18000 | 81.1 | 82.7 | 82.8 | 82.8 | 83.1 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| IV 16000 | 81.6 | 83.1 | 83.2 | 83.2 | 83.6 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| IV 14000 | 82.1 | 83.7 | 83.8 | 83.8 | 84.1 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| IV 12000 | 84.3 | 85.9 | 86.1 | 86.1 | 86.4 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| IV 10000 | 86.7 | 88.2 | 88.4 | 88.4 | 88.8 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 9000 | 87.0 | 88.6 | 88.9 | 88.9 | 89.2 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| IV 8000 | 87.8 | 89.3 | 89.8 | 89.8 | 90.1 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| IV 7000 | 87.9 | 89.6 | 90.0 | 90.0 | 90.3 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| IV 6000 | 88.1 | 89.8 | 90.2 | 90.2 | 90.6 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IV 5000 | 89.6 | 91.4 | 92.0 | 92.1 | 92.4 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| IV 4500 | 90.2 | 92.1 | 92.7 | 92.8 | 93.1 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| IV 4000 | 91.2 | 93.4 | 94.0 | 94.1 | 94.4 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| IV 3500 | 91.2 | 93.7 | 94.2 | 94.3 | 94.7 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| IV 3000 | 92.1 | 94.6 | 95.1 | 95.3 | 96.0 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 2500 | 92.7 | 95.1 | 95.7 | 95.9 | 96.6 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 2000 | 93.6 | 96.1 | 96.7 | 96.9 | 97.6 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| IV 1800 | 93.6 | 96.1 | 96.7 | 96.9 | 97.6 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| IV 1500 | 93.8 | 96.6 | 97.2 | 97.4 | 98.1 | 98.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV 1200 | 93.8 | 96.8 | 97.6 | 97.8 | 98.4 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 1000 | 93.9 | 97.0 | 97.8 | 98.1 | 98.9 | 99.2 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 900 | 93.9 | 97.0 | 97.8 | 98.1 | 99.0 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 800 | 93.9 | 97.2 | 98.0 | 98.3 | 99.3 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 93.9 | 97.2 | 98.0 | 98.3 | 99.3 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 93.9 | 97.2 | 98.0 | 98.3 | 99.3 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 93.9 | 97.2 | 98.0 | 98.3 | 99.3 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 93.9 | 97.2 | 98.0 | 98.3 | 99.3 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 93.9 | 97.2 | 98.0 | 98.3 | 99.3 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 93.9 | 97.2 | 98.0 | 98.3 | 99.3 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 93.9 | 97.2 | 98.0 | 98.3 | 99.3 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 93.9 | 97.2 | 98.0 | 98.3 | 99.3 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949 OFFUTT AFB NE

69-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS LST

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|---------|------|---------|---------|-------|-------|-------|-------|-------|--------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 5/16 | ≥ 1/16 |
| NO CEILING | 67.4 | 69.5 | 69.9 | 70.1 | 70.4 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 20000 | 74.1 | 76.5 | 77.0 | 77.1 | 77.5 | 77.6 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 18000 | 74.6 | 77.0 | 77.5 | 77.7 | 78.0 | 78.1 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 16000 | 75.0 | 77.4 | 77.9 | 78.0 | 78.4 | 78.5 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 14000 | 75.8 | 78.3 | 78.7 | 78.9 | 79.3 | 79.3 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 |
| ≥ 12000 | 77.9 | 80.5 | 81.0 | 81.2 | 81.5 | 81.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 |
| ≥ 10000 | 81.2 | 83.9 | 84.4 | 84.6 | 84.9 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 |
| ≥ 9000 | 81.7 | 84.5 | 85.0 | 85.2 | 85.5 | 85.6 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 |
| ≥ 8000 | 83.3 | 86.1 | 86.6 | 86.8 | 87.2 | 87.3 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 7000 | 84.2 | 87.1 | 87.6 | 87.8 | 88.2 | 88.3 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 6000 | 84.8 | 87.7 | 88.2 | 88.4 | 88.8 | 88.9 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 |
| ≥ 5000 | 86.4 | 89.5 | 90.1 | 90.3 | 90.7 | 90.8 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 |
| ≥ 4500 | 86.9 | 89.9 | 90.5 | 90.7 | 91.2 | 91.3 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 4000 | 88.5 | 91.7 | 92.3 | 92.6 | 93.1 | 93.2 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 3500 | 89.2 | 92.6 | 93.2 | 93.5 | 94.0 | 94.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 3000 | 90.4 | 93.9 | 94.5 | 94.9 | 95.5 | 95.7 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 2500 | 90.9 | 94.5 | 95.2 | 95.5 | 96.2 | 96.3 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 |
| ≥ 2000 | 91.4 | 95.1 | 95.8 | 96.2 | 96.9 | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 |
| ≥ 1800 | 91.5 | 95.3 | 96.0 | 96.4 | 97.1 | 97.3 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 |
| ≥ 1500 | 91.8 | 95.7 | 96.4 | 96.8 | 97.6 | 97.8 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1200 | 92.0 | 96.1 | 96.9 | 97.3 | 98.2 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1000 | 92.3 | 96.4 | 97.3 | 97.8 | 98.8 | 98.9 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 92.3 | 96.5 | 97.3 | 97.8 | 98.8 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | 92.3 | 96.5 | 97.4 | 97.9 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 92.3 | 96.6 | 97.5 | 98.0 | 99.1 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 92.3 | 96.6 | 97.5 | 98.0 | 99.1 | 99.3 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 92.3 | 96.6 | 97.5 | 98.1 | 99.2 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 92.3 | 96.6 | 97.5 | 98.1 | 99.2 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 92.3 | 96.6 | 97.5 | 98.1 | 99.2 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 92.3 | 96.6 | 97.5 | 98.1 | 99.2 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 92.3 | 96.6 | 97.5 | 98.1 | 99.2 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 92.3 | 96.6 | 97.5 | 98.1 | 99.2 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE

STATION NAME

1978

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
FOUR HOURS

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|-------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 70.9 | 73.1 | 73.0 | 74.6 | 75.0 | 75.3 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 20000 | 75.8 | 78.0 | 78.9 | 79.7 | 80.1 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 18000 | 76.1 | 78.4 | 79.2 | 80.1 | 80.5 | 80.8 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 16000 | 76.1 | 78.4 | 79.2 | 80.1 | 80.5 | 80.8 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 14000 | 77.8 | 80.1 | 81.1 | 81.9 | 82.3 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 12000 | 79.2 | 81.7 | 82.7 | 83.5 | 84.0 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 10000 | 82.0 | 84.8 | 86.0 | 86.9 | 87.3 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 9000 | 82.3 | 85.1 | 86.3 | 87.2 | 87.6 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 8000 | 83.6 | 87.1 | 88.3 | 89.1 | 89.6 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 7000 | 83.6 | 87.1 | 88.4 | 89.2 | 89.7 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 6000 | 84.5 | 88.2 | 89.6 | 90.4 | 90.9 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 5000 | 85.5 | 89.3 | 90.7 | 91.6 | 92.0 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 4500 | 85.8 | 89.8 | 91.2 | 92.0 | 92.5 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 4000 | 87.3 | 91.5 | 92.9 | 93.8 | 94.2 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 3500 | 87.6 | 91.9 | 93.3 | 94.2 | 94.6 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 3000 | 88.3 | 92.8 | 94.2 | 95.0 | 95.5 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 2500 | 88.3 | 92.8 | 94.2 | 95.0 | 95.5 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 2000 | 88.5 | 93.5 | 95.2 | 96.1 | 96.6 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1800 | 88.5 | 93.5 | 95.3 | 96.3 | 96.8 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1500 | 88.6 | 93.6 | 95.4 | 96.8 | 97.3 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1200 | 88.6 | 93.9 | 95.6 | 97.0 | 97.5 | 97.8 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1000 | 88.8 | 94.1 | 95.8 | 97.2 | 97.7 | 98.1 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 900 | 88.8 | 94.1 | 96.1 | 97.5 | 98.1 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 800 | 88.8 | 94.2 | 96.3 | 97.7 | 98.3 | 98.6 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 700 | 88.8 | 94.3 | 96.4 | 97.8 | 98.4 | 98.7 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 88.8 | 94.3 | 96.4 | 98.0 | 98.5 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 88.8 | 94.3 | 96.4 | 98.1 | 98.6 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 88.8 | 94.4 | 96.6 | 98.2 | 98.9 | 99.2 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 88.8 | 94.4 | 96.6 | 98.2 | 98.9 | 99.2 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 88.8 | 94.4 | 96.6 | 98.2 | 98.9 | 99.2 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 88.8 | 94.4 | 96.6 | 98.2 | 98.9 | 99.2 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 88.8 | 94.4 | 96.6 | 98.2 | 98.9 | 99.2 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEAR

III
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (EST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 63.8 | 66.3 | 67.5 | 67.8 | 68.4 | 68.6 | 68.7 | 69.0 | 69.0 | 69.2 | 69.4 | 69.4 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 20000 | 68.7 | 71.6 | 72.8 | 73.1 | 73.8 | 74.0 | 74.2 | 74.5 | 74.5 | 74.7 | 74.8 | 74.8 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 18000 | 68.7 | 71.6 | 72.8 | 73.1 | 73.8 | 74.0 | 74.2 | 74.5 | 74.5 | 74.7 | 74.8 | 74.8 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 16000 | 68.7 | 71.6 | 72.8 | 73.1 | 73.8 | 74.0 | 74.2 | 74.5 | 74.5 | 74.7 | 74.8 | 74.8 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 14000 | 69.4 | 72.4 | 73.8 | 74.2 | 74.8 | 75.1 | 75.3 | 75.6 | 75.6 | 75.8 | 75.9 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 12000 | 71.5 | 74.8 | 76.2 | 76.8 | 77.5 | 77.7 | 78.0 | 78.3 | 78.3 | 78.5 | 78.6 | 78.6 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 10000 | 75.3 | 79.1 | 80.5 | 81.3 | 82.2 | 82.4 | 82.6 | 82.9 | 82.9 | 83.1 | 83.2 | 83.2 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 9000 | 75.7 | 79.6 | 81.0 | 81.9 | 82.8 | 83.0 | 83.2 | 83.5 | 83.5 | 83.8 | 83.9 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 8000 | 77.0 | 81.1 | 82.6 | 83.7 | 84.5 | 84.7 | 84.9 | 85.3 | 85.3 | 85.5 | 85.6 | 85.6 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 7000 | 77.5 | 81.6 | 83.2 | 84.3 | 85.2 | 85.4 | 85.6 | 85.9 | 85.9 | 86.1 | 86.2 | 86.2 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 6000 | 79.0 | 83.9 | 85.5 | 86.7 | 87.5 | 87.7 | 88.0 | 88.3 | 88.3 | 88.5 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 5000 | 80.9 | 86.7 | 88.6 | 90.0 | 90.9 | 91.1 | 91.3 | 91.6 | 91.6 | 91.8 | 91.9 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 4500 | 81.2 | 87.0 | 88.9 | 90.3 | 91.2 | 91.4 | 91.6 | 91.9 | 91.9 | 92.2 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 4000 | 82.0 | 88.5 | 91.1 | 92.5 | 93.4 | 93.7 | 93.9 | 94.2 | 94.2 | 94.4 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 3500 | 82.4 | 89.1 | 91.7 | 93.1 | 94.1 | 94.3 | 94.5 | 94.8 | 94.8 | 95.1 | 95.2 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 3000 | 83.2 | 90.1 | 92.7 | 94.2 | 95.3 | 95.5 | 95.7 | 96.0 | 96.0 | 96.2 | 96.3 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 2500 | 83.2 | 90.1 | 92.8 | 94.4 | 95.5 | 95.7 | 95.9 | 96.2 | 96.2 | 96.5 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 2000 | 83.2 | 90.1 | 92.8 | 94.4 | 95.5 | 95.7 | 95.9 | 96.2 | 96.2 | 96.5 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1800 | 83.3 | 90.5 | 93.2 | 94.8 | 95.9 | 96.1 | 96.3 | 96.7 | 96.7 | 96.9 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1500 | 83.3 | 90.6 | 93.3 | 94.9 | 96.2 | 96.5 | 96.7 | 97.0 | 97.0 | 97.2 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1200 | 83.3 | 90.6 | 93.3 | 94.9 | 96.2 | 96.5 | 96.7 | 97.1 | 97.1 | 97.3 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1000 | 83.4 | 90.9 | 93.5 | 95.2 | 96.5 | 96.7 | 96.9 | 97.3 | 97.3 | 97.5 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 900 | 83.4 | 90.9 | 93.5 | 95.2 | 96.5 | 96.7 | 96.9 | 97.3 | 97.3 | 97.5 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 800 | 83.4 | 91.1 | 93.8 | 95.4 | 96.7 | 96.9 | 97.1 | 97.5 | 97.5 | 97.7 | 97.8 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 700 | 83.5 | 91.3 | 94.1 | 95.7 | 97.0 | 97.2 | 97.5 | 98.1 | 98.1 | 98.3 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 600 | 83.5 | 91.4 | 94.2 | 95.8 | 97.1 | 97.3 | 97.6 | 98.2 | 98.2 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | 83.5 | 91.4 | 94.4 | 96.2 | 97.5 | 97.8 | 98.2 | 98.7 | 98.7 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 400 | 83.5 | 91.4 | 94.4 | 96.2 | 97.5 | 97.8 | 98.3 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 83.5 | 91.4 | 94.4 | 96.2 | 97.5 | 97.8 | 98.3 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 83.5 | 91.4 | 94.4 | 96.2 | 97.5 | 97.8 | 98.3 | 99.0 | 99.2 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 83.5 | 91.4 | 94.4 | 96.2 | 97.5 | 97.8 | 98.3 | 99.0 | 99.2 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| U | 83.5 | 91.4 | 94.4 | 96.2 | 97.5 | 97.8 | 98.3 | 99.0 | 99.2 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

69-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .25 | ≥ .15 | ≥ .1 | ≥ .05 | ≥ .025 | ≥ 0 |
| NO CEILING | 55.1 | 58.9 | 60.1 | 60.4 | 61.8 | 61.8 | 62.0 | 62.6 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| ≤ 20000 | 61.0 | 65.3 | 66.6 | 66.9 | 68.3 | 68.3 | 68.5 | 69.0 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 18000 | 61.3 | 65.7 | 67.0 | 67.3 | 68.7 | 68.7 | 68.9 | 69.5 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 16000 | 61.5 | 65.9 | 67.2 | 67.5 | 68.9 | 68.9 | 69.1 | 69.7 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 14000 | 62.5 | 67.1 | 68.4 | 68.7 | 70.2 | 70.2 | 70.4 | 71.0 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 12000 | 65.3 | 70.3 | 71.7 | 72.0 | 73.8 | 73.8 | 74.0 | 74.5 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 10000 | 70.9 | 75.9 | 77.5 | 77.8 | 79.8 | 79.8 | 80.0 | 80.6 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 9000 | 71.7 | 76.8 | 78.5 | 78.8 | 80.8 | 80.8 | 81.0 | 81.6 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 8000 | 74.1 | 79.6 | 81.4 | 81.8 | 83.8 | 83.8 | 84.0 | 84.6 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 7000 | 75.3 | 80.9 | 82.7 | 83.1 | 85.2 | 85.2 | 85.4 | 86.0 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 6000 | 76.2 | 82.3 | 84.2 | 84.6 | 86.7 | 86.7 | 87.0 | 87.6 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 5000 | 78.1 | 84.6 | 86.6 | 87.3 | 89.6 | 89.6 | 89.9 | 90.5 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 4500 | 78.4 | 85.1 | 87.0 | 87.7 | 90.0 | 90.0 | 90.3 | 91.0 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 4000 | 79.1 | 86.2 | 88.3 | 89.0 | 91.5 | 91.5 | 91.8 | 92.5 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 3500 | 79.4 | 86.6 | 88.6 | 89.4 | 91.8 | 91.8 | 92.2 | 92.8 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 3000 | 80.3 | 87.5 | 89.7 | 90.4 | 93.1 | 93.1 | 93.5 | 94.2 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 2500 | 80.5 | 88.3 | 90.4 | 91.3 | 94.0 | 94.0 | 94.4 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 2000 | 81.0 | 88.8 | 91.0 | 91.8 | 94.6 | 94.6 | 95.1 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1800 | 81.0 | 88.9 | 91.1 | 91.9 | 94.7 | 94.7 | 95.2 | 95.8 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1500 | 81.4 | 89.7 | 91.8 | 92.7 | 95.5 | 95.5 | 95.9 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1200 | 81.7 | 90.2 | 92.4 | 93.2 | 96.0 | 96.0 | 96.5 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1000 | 81.9 | 90.9 | 93.0 | 93.9 | 96.7 | 96.7 | 97.1 | 97.7 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 81.9 | 90.9 | 93.1 | 94.1 | 97.0 | 97.0 | 97.4 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 800 | 82.0 | 91.1 | 93.3 | 94.4 | 97.3 | 97.3 | 97.7 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 82.0 | 91.1 | 93.4 | 94.5 | 97.5 | 97.5 | 98.0 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 82.0 | 91.1 | 93.5 | 94.7 | 97.8 | 97.8 | 98.3 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 82.0 | 91.1 | 93.5 | 94.7 | 97.8 | 97.8 | 98.3 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 82.0 | 91.2 | 93.7 | 94.8 | 98.0 | 98.0 | 98.5 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 82.0 | 91.2 | 93.7 | 94.8 | 98.0 | 98.0 | 98.7 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 82.0 | 91.2 | 93.7 | 94.8 | 98.0 | 98.0 | 98.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 82.0 | 91.2 | 93.7 | 94.8 | 98.0 | 98.0 | 98.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 82.0 | 91.2 | 93.7 | 94.8 | 98.0 | 98.0 | 98.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14940
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS OF DAY

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|-------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 61.4 | 63.1 | 63.5 | 63.5 | 63.8 | 63.8 | 64.2 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 20000 | 69.0 | 71.3 | 71.7 | 71.7 | 72.1 | 72.1 | 72.4 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 18000 | 69.5 | 71.9 | 72.3 | 72.3 | 72.8 | 72.8 | 73.2 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 16000 | 69.9 | 72.2 | 72.7 | 72.7 | 73.1 | 73.1 | 73.5 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 14000 | 71.2 | 73.7 | 74.2 | 74.2 | 74.6 | 74.6 | 75.0 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 12000 | 74.6 | 77.4 | 77.8 | 77.8 | 78.3 | 78.3 | 78.7 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 10000 | 78.1 | 81.3 | 81.9 | 82.0 | 82.5 | 82.5 | 82.9 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 9000 | 78.4 | 81.8 | 82.5 | 82.7 | 83.1 | 83.1 | 83.5 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 8000 | 80.5 | 84.6 | 85.3 | 85.5 | 85.9 | 85.9 | 86.4 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 7000 | 81.9 | 86.1 | 86.8 | 87.0 | 87.4 | 87.4 | 87.9 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 6000 | 82.8 | 87.1 | 87.7 | 87.9 | 88.4 | 88.4 | 88.9 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 5000 | 84.2 | 88.6 | 89.2 | 89.5 | 89.9 | 89.9 | 90.4 | 90.7 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 4500 | 84.4 | 88.9 | 89.6 | 89.8 | 90.2 | 90.2 | 90.7 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 4000 | 85.3 | 90.0 | 90.6 | 90.9 | 91.3 | 91.3 | 91.8 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 3500 | 86.1 | 91.1 | 91.7 | 91.9 | 92.4 | 92.4 | 92.9 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 3000 | 87.1 | 92.6 | 93.3 | 93.5 | 94.0 | 94.0 | 94.5 | 94.8 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 2500 | 87.4 | 92.9 | 93.6 | 93.9 | 94.3 | 94.3 | 94.8 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 2000 | 87.8 | 93.3 | 94.1 | 94.3 | 94.8 | 94.8 | 95.4 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1800 | 87.9 | 93.5 | 94.3 | 94.5 | 95.2 | 95.2 | 95.7 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1500 | 88.4 | 94.4 | 95.3 | 95.5 | 96.1 | 96.1 | 96.7 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1200 | 88.9 | 95.0 | 95.9 | 96.2 | 97.1 | 97.2 | 97.7 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1000 | 89.1 | 95.4 | 96.3 | 96.7 | 97.5 | 97.6 | 98.2 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 900 | 89.1 | 95.5 | 96.4 | 96.8 | 97.6 | 97.7 | 98.3 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 800 | 89.2 | 95.7 | 96.7 | 97.1 | 98.0 | 98.1 | 98.6 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 700 | 89.2 | 95.7 | 96.8 | 97.2 | 98.1 | 98.3 | 98.8 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 89.2 | 96.0 | 97.1 | 97.5 | 98.4 | 98.6 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 89.2 | 96.0 | 97.1 | 97.5 | 98.4 | 98.6 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 89.2 | 96.0 | 97.1 | 97.5 | 98.4 | 98.6 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 89.2 | 96.0 | 97.1 | 97.5 | 98.4 | 98.6 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 89.2 | 96.0 | 97.1 | 97.5 | 98.4 | 98.6 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 89.2 | 96.0 | 97.1 | 97.5 | 98.4 | 98.6 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 89.2 | 96.0 | 97.1 | 97.5 | 98.4 | 98.6 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC

FORM 7-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.20 |
| NO CEILING | 60.5 | 61.9 | 62.3 | 62.5 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 20000 | 70.5 | 72.0 | 72.4 | 72.6 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 18000 | 70.9 | 72.7 | 73.0 | 73.2 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 16000 | 71.3 | 73.4 | 73.8 | 74.0 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 14000 | 73.1 | 75.4 | 75.7 | 75.9 | 76.2 | 76.3 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 12000 | 76.3 | 79.0 | 79.4 | 79.6 | 79.9 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 10000 | 81.5 | 84.6 | 84.9 | 85.2 | 85.5 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 9000 | 81.9 | 85.1 | 85.4 | 85.6 | 85.9 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 8000 | 85.3 | 88.4 | 88.8 | 89.0 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 7000 | 86.0 | 89.1 | 89.6 | 89.8 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 6000 | 86.7 | 89.8 | 90.2 | 90.4 | 90.8 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 5000 | 87.4 | 90.5 | 91.2 | 91.4 | 91.7 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 4500 | 88.0 | 91.1 | 91.7 | 91.9 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 4000 | 89.8 | 93.2 | 93.9 | 94.1 | 94.4 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 3500 | 90.6 | 94.1 | 94.7 | 94.9 | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 3000 | 91.6 | 95.3 | 95.9 | 96.1 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 2500 | 92.2 | 95.8 | 96.5 | 96.7 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 2000 | 93.0 | 96.8 | 97.4 | 97.6 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1800 | 93.2 | 97.0 | 97.6 | 97.8 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1600 | 93.3 | 97.5 | 98.2 | 98.4 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1400 | 93.5 | 97.8 | 98.5 | 98.7 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1200 | 93.9 | 98.2 | 98.8 | 99.0 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1000 | 93.9 | 98.2 | 98.8 | 99.0 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 900 | 93.9 | 98.2 | 98.8 | 99.0 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 800 | 93.9 | 98.2 | 98.8 | 99.0 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 94.0 | 98.3 | 98.9 | 99.1 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 94.0 | 98.3 | 98.9 | 99.1 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 94.0 | 98.3 | 98.9 | 99.1 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 94.0 | 98.3 | 98.9 | 99.1 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 94.0 | 98.3 | 98.9 | 99.1 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 94.0 | 98.3 | 98.9 | 99.1 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 94.0 | 98.3 | 98.9 | 99.1 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 94.0 | 98.3 | 98.9 | 99.1 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LT)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|-------|---------|-------|---------|---------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 3/8 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 66.3 | 66.9 | 67.5 | 67.5 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 20000 | 73.3 | 74.0 | 74.6 | 74.6 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 18000 | 73.9 | 74.5 | 75.2 | 75.2 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 16000 | 74.2 | 74.8 | 75.5 | 75.5 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 14000 | 76.2 | 77.1 | 77.7 | 77.7 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 12000 | 80.1 | 81.2 | 81.8 | 81.8 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 10000 | 83.9 | 85.5 | 86.1 | 86.1 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 9000 | 84.9 | 86.6 | 87.2 | 87.2 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 8000 | 88.0 | 89.7 | 90.3 | 90.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 7000 | 88.5 | 90.2 | 90.9 | 90.9 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 6000 | 89.1 | 91.0 | 91.7 | 91.7 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 5000 | 91.2 | 93.2 | 94.0 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 4500 | 91.7 | 93.9 | 94.6 | 94.6 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 4000 | 92.9 | 95.3 | 96.0 | 96.1 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 3500 | 93.1 | 95.6 | 96.3 | 96.5 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 3000 | 93.7 | 96.2 | 97.0 | 97.1 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 2500 | 94.1 | 96.9 | 97.6 | 97.7 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 2000 | 94.7 | 97.5 | 98.4 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1800 | 94.8 | 97.6 | 98.5 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1500 | 94.8 | 98.2 | 99.0 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1200 | 95.3 | 98.6 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 95.3 | 98.6 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 95.3 | 98.6 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 95.3 | 98.6 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 95.3 | 98.6 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 95.3 | 98.6 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 95.3 | 98.6 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 95.3 | 98.6 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 95.3 | 98.6 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.3 | 98.6 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.3 | 98.6 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.3 | 98.6 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS UT

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥0.75 | ≥0.5 | ≥0.25 | ≥0.16 | ≥0.1 | ≥0 |
| NO CEILING | 69.7 | 71.5 | 71.8 | 71.8 | 71.9 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 20000 | 75.5 | 77.3 | 77.6 | 77.6 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 18000 | 76.2 | 78.1 | 78.4 | 78.4 | 78.5 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 16000 | 76.5 | 78.3 | 78.6 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 14000 | 77.6 | 79.6 | 79.9 | 79.9 | 80.0 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 12000 | 81.8 | 83.8 | 84.1 | 84.1 | 84.2 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 10000 | 85.4 | 87.7 | 88.1 | 88.1 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 9000 | 86.0 | 88.4 | 88.7 | 88.7 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 8000 | 87.3 | 90.0 | 90.3 | 90.3 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 7000 | 88.2 | 90.9 | 91.2 | 91.2 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 6000 | 88.9 | 91.7 | 92.0 | 92.0 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 5000 | 91.1 | 94.4 | 94.8 | 94.8 | 94.9 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 4500 | 91.8 | 95.2 | 95.6 | 95.6 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 4000 | 92.6 | 96.1 | 96.6 | 96.6 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 3500 | 93.0 | 96.6 | 97.0 | 97.0 | 97.2 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 3000 | 93.4 | 97.2 | 97.6 | 97.6 | 97.8 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 2500 | 93.9 | 97.7 | 98.2 | 98.2 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 2000 | 94.1 | 98.0 | 98.4 | 98.4 | 98.6 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1800 | 94.2 | 98.1 | 98.5 | 98.5 | 98.7 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1500 | 94.5 | 98.6 | 99.0 | 99.0 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 1200 | 94.6 | 98.8 | 99.2 | 99.2 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 1000 | 94.6 | 98.9 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 94.6 | 98.9 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 94.6 | 98.9 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 94.6 | 98.9 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 94.6 | 98.9 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 94.6 | 98.9 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 94.6 | 98.9 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 94.6 | 98.9 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 94.6 | 98.9 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 94.6 | 98.9 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 94.6 | 98.9 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥0 |
| NO CEILING ≥ 20000 | 70.6 | 77.8 | 73.5 | 73.5 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 18000 | 76.8 | 79.0 | 79.8 | 79.8 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 16000 | 77.0 | 79.2 | 80.0 | 80.0 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 14000 | 78.0 | 80.2 | 81.0 | 81.0 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 12000 | 80.9 | 83.4 | 84.3 | 84.3 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 10000 | 84.3 | 87.4 | 88.3 | 88.3 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 9000 | 84.5 | 87.6 | 88.5 | 88.5 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 8000 | 85.9 | 89.1 | 90.0 | 90.0 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 7000 | 86.1 | 89.4 | 90.2 | 90.2 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 6000 | 87.0 | 90.2 | 91.1 | 91.1 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 5000 | 88.4 | 92.3 | 93.1 | 93.1 | 93.3 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 4500 | 89.1 | 93.1 | 94.0 | 94.2 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 4000 | 90.3 | 94.7 | 95.6 | 95.8 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 3500 | 90.6 | 95.2 | 96.0 | 96.2 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 3000 | 91.1 | 95.7 | 96.6 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 2500 | 91.1 | 96.0 | 97.0 | 97.2 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 2000 | 91.4 | 96.3 | 97.3 | 97.5 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1800 | 91.4 | 96.3 | 97.3 | 97.5 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1500 | 91.6 | 96.8 | 98.0 | 98.2 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1200 | 91.7 | 97.0 | 98.2 | 98.4 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1000 | 91.8 | 97.2 | 98.5 | 98.7 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 91.8 | 97.2 | 98.5 | 98.7 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 91.9 | 97.3 | 98.6 | 98.8 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 91.9 | 97.3 | 98.6 | 98.8 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 91.9 | 97.3 | 98.6 | 98.8 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 91.9 | 97.3 | 98.6 | 98.8 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 91.9 | 97.3 | 98.6 | 98.8 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 91.9 | 97.3 | 98.6 | 98.8 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 91.9 | 97.3 | 98.6 | 98.8 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 91.9 | 97.3 | 98.6 | 98.8 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 0 | 91.9 | 97.3 | 98.6 | 98.8 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|------|-------|------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .025 | ≥ .01 | ≥ 0 |
| NO CEILING | 64.8 | 66.8 | 67.5 | 67.7 | 68.2 | 68.3 | 68.4 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 |
| ≥ 20000 | 71.3 | 73.6 | 74.3 | 74.5 | 75.0 | 75.1 | 75.2 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 18000 | 71.7 | 74.0 | 74.7 | 74.9 | 75.4 | 75.5 | 75.7 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 16000 | 71.9 | 74.2 | 75.0 | 75.2 | 75.7 | 75.8 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 |
| ≥ 14000 | 73.2 | 75.7 | 76.5 | 76.7 | 77.2 | 77.3 | 77.5 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 12000 | 76.2 | 79.0 | 79.8 | 80.0 | 80.5 | 80.7 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 |
| ≥ 10000 | 80.2 | 83.3 | 84.2 | 84.5 | 85.0 | 85.2 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 |
| ≥ 9000 | 80.7 | 83.9 | 84.8 | 85.1 | 85.7 | 85.8 | 85.9 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 8000 | 82.7 | 86.2 | 87.1 | 87.5 | 88.1 | 88.2 | 88.3 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 7000 | 83.4 | 86.9 | 87.9 | 88.2 | 88.8 | 88.9 | 89.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 |
| ≥ 6000 | 84.3 | 88.0 | 89.0 | 89.4 | 90.0 | 90.1 | 90.3 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 5000 | 85.8 | 90.0 | 91.0 | 91.5 | 92.1 | 92.3 | 92.4 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 4500 | 86.3 | 90.5 | 91.6 | 92.0 | 92.7 | 92.8 | 93.0 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 |
| ≥ 4000 | 87.4 | 91.9 | 93.1 | 93.6 | 94.3 | 94.4 | 94.6 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 |
| ≥ 3500 | 87.9 | 92.5 | 93.7 | 94.2 | 94.9 | 95.0 | 95.2 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 |
| ≥ 3000 | 88.6 | 93.4 | 94.6 | 95.1 | 95.9 | 96.0 | 96.2 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 2500 | 88.8 | 93.8 | 95.0 | 95.5 | 96.3 | 96.5 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 2000 | 89.2 | 94.3 | 95.6 | 96.1 | 96.9 | 97.0 | 97.2 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1800 | 89.3 | 94.4 | 95.7 | 96.3 | 97.1 | 97.2 | 97.4 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1500 | 89.5 | 94.9 | 96.2 | 96.8 | 97.7 | 97.8 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1200 | 89.7 | 95.3 | 96.6 | 97.2 | 98.0 | 98.2 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1000 | 89.9 | 95.5 | 96.9 | 97.4 | 98.3 | 98.5 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 900 | 89.9 | 95.5 | 96.9 | 97.5 | 98.4 | 98.6 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 89.9 | 95.6 | 97.0 | 97.7 | 98.6 | 98.7 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 89.9 | 95.7 | 97.1 | 97.8 | 98.7 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 89.9 | 95.7 | 97.2 | 97.9 | 98.8 | 99.0 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 89.9 | 95.7 | 97.2 | 97.9 | 98.9 | 99.1 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 89.9 | 95.8 | 97.3 | 98.0 | 99.0 | 99.1 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 89.9 | 95.8 | 97.3 | 98.0 | 99.0 | 99.2 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 89.9 | 95.8 | 97.3 | 98.0 | 99.0 | 99.2 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 89.9 | 95.8 | 97.3 | 98.0 | 99.0 | 99.2 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 89.9 | 95.8 | 97.3 | 98.0 | 99.0 | 99.2 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|-------|------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ .15 | ≥ 0 |
| NO CEILING | 62.6 | 68.5 | 69.6 | 71.4 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.5 | 72.5 | 72.6 | 72.7 |
| ≥ 20000 | 66.0 | 72.5 | 73.8 | 75.6 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.8 | 76.9 |
| ≥ 18000 | 66.0 | 72.5 | 73.8 | 75.6 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.8 | 76.9 |
| ≥ 16000 | 66.1 | 72.6 | 73.9 | 75.7 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.9 | 77.0 |
| ≥ 14000 | 67.6 | 74.2 | 75.5 | 77.3 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.5 | 78.6 |
| ≥ 12000 | 69.4 | 76.0 | 77.3 | 79.1 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.3 | 80.4 |
| ≥ 10000 | 73.0 | 79.7 | 81.1 | 82.9 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.0 | 84.0 | 84.1 | 84.2 |
| ≥ 9000 | 74.0 | 80.8 | 82.3 | 84.1 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.3 | 85.4 |
| ≥ 8000 | 73.3 | 82.5 | 84.1 | 85.9 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.1 | 87.2 |
| ≥ 7000 | 76.3 | 83.7 | 85.3 | 87.1 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.3 | 88.4 |
| ≥ 6000 | 77.2 | 84.5 | 86.1 | 88.1 | 88.9 | 89.0 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.4 | 89.4 | 89.5 | 89.6 |
| ≥ 5000 | 78.6 | 86.2 | 88.3 | 90.4 | 91.4 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 92.0 | 92.2 |
| ≥ 4500 | 78.9 | 86.6 | 88.6 | 90.8 | 91.7 | 91.8 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.4 | 92.5 |
| ≥ 4000 | 80.0 | 87.7 | 89.8 | 92.0 | 93.1 | 93.3 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.9 | 94.0 |
| ≥ 3500 | 80.1 | 88.0 | 90.1 | 92.4 | 93.7 | 93.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.4 | 94.5 |
| ≥ 3000 | 80.6 | 88.5 | 90.8 | 93.0 | 94.3 | 94.5 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 95.1 | 95.2 |
| ≥ 2500 | 80.6 | 88.8 | 91.1 | 93.3 | 94.6 | 94.8 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.4 | 95.5 |
| ≥ 2000 | 81.0 | 89.1 | 91.5 | 93.8 | 95.1 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.8 | 95.9 |
| ≥ 1800 | 81.0 | 89.1 | 91.6 | 93.9 | 95.2 | 95.4 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.9 | 96.0 |
| ≥ 1500 | 81.0 | 89.1 | 91.6 | 93.9 | 95.2 | 95.4 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.9 | 96.0 |
| ≥ 1200 | 81.1 | 89.4 | 91.8 | 94.1 | 95.4 | 95.6 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.2 | 96.3 |
| ≥ 1000 | 81.2 | 89.6 | 92.0 | 94.6 | 96.1 | 96.3 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 97.0 | 97.1 |
| ≥ 900 | 81.2 | 89.8 | 92.5 | 95.2 | 96.7 | 96.9 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 | 97.7 |
| ≥ 800 | 81.3 | 90.0 | 92.8 | 95.6 | 97.1 | 97.3 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.3 |
| ≥ 700 | 81.4 | 90.2 | 93.1 | 96.0 | 97.5 | 97.8 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.8 | 98.9 |
| ≥ 600 | 81.4 | 90.3 | 93.3 | 96.6 | 98.3 | 98.6 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 |
| ≥ 500 | 81.4 | 90.3 | 93.3 | 96.6 | 98.3 | 98.7 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 |
| ≥ 400 | 81.4 | 90.3 | 93.3 | 96.6 | 98.3 | 98.7 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 |
| ≥ 300 | 81.4 | 90.3 | 93.3 | 96.6 | 98.3 | 98.7 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 |
| ≥ 200 | 81.4 | 90.3 | 93.3 | 96.6 | 98.3 | 98.7 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 |
| ≥ 100 | 81.4 | 90.3 | 93.3 | 96.6 | 98.3 | 98.7 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 |
| ≥ 0 | 81.4 | 90.3 | 93.3 | 96.6 | 98.3 | 98.7 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS 11 51

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥0 |
| NO CEILING ≥ 20000 | 55.5 | 67.5 | 64.2 | 65.2 | 66.2 | 66.3 | 66.7 | 66.9 | 66.9 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.5 |
| ≥ 18000 IV 16000 | 59.7 | 67.0 | 68.7 | 69.7 | 70.9 | 71.0 | 71.4 | 71.6 | 71.6 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 72.3 |
| IV 14000 | 60.2 | 67.5 | 69.2 | 70.5 | 71.7 | 71.9 | 72.4 | 72.6 | 72.6 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 73.2 |
| IV 12000 | 60.9 | 68.2 | 69.9 | 71.2 | 72.5 | 72.7 | 73.1 | 73.3 | 73.3 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 74.0 |
| IV 10000 | 62.0 | 70.0 | 71.9 | 73.3 | 74.6 | 74.8 | 75.3 | 75.5 | 75.5 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 76.1 |
| IV 9000 | 66.1 | 74.9 | 76.9 | 78.3 | 79.6 | 79.8 | 80.2 | 80.4 | 80.4 | 80.6 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 81.1 |
| IV 8000 | 66.8 | 75.6 | 77.6 | 79.0 | 80.3 | 80.5 | 81.0 | 81.2 | 81.2 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.8 |
| IV 7000 | 68.0 | 77.7 | 79.2 | 80.6 | 81.9 | 82.2 | 82.7 | 82.9 | 82.9 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.5 |
| IV 6000 | 68.8 | 78.2 | 80.2 | 81.6 | 82.9 | 83.1 | 83.7 | 83.9 | 83.9 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.5 |
| IV 5000 | 70.0 | 79.8 | 81.8 | 83.3 | 84.6 | 84.8 | 85.4 | 85.6 | 85.6 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 86.2 |
| IV 4500 | 71.9 | 82.0 | 84.2 | 85.9 | 87.2 | 87.4 | 88.0 | 88.2 | 88.2 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.8 |
| IV 4000 | 72.4 | 82.6 | 84.7 | 86.5 | 87.7 | 88.3 | 88.8 | 89.0 | 89.0 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.7 |
| IV 3500 | 73.2 | 83.9 | 86.0 | 87.8 | 89.2 | 89.8 | 90.4 | 90.6 | 90.6 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.3 |
| IV 3000 | 73.8 | 84.6 | 86.8 | 88.6 | 90.0 | 90.5 | 91.2 | 91.4 | 91.4 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 92.0 |
| IV 2500 | 74.6 | 85.6 | 87.7 | 89.6 | 91.1 | 91.6 | 92.3 | 92.5 | 92.5 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.1 |
| IV 2000 | 74.9 | 85.9 | 88.2 | 90.0 | 91.5 | 92.0 | 92.7 | 92.9 | 92.9 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.5 |
| IV 1800 | 75.2 | 86.2 | 88.5 | 90.4 | 91.9 | 92.5 | 93.1 | 93.3 | 93.3 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 94.0 |
| IV 1600 | 75.2 | 86.2 | 88.5 | 90.5 | 92.2 | 92.7 | 93.3 | 93.5 | 93.5 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.2 |
| IV 1400 | 75.6 | 86.8 | 89.0 | 91.2 | 93.0 | 93.5 | 94.2 | 94.4 | 94.4 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 95.1 |
| IV 1200 | 75.7 | 86.9 | 89.1 | 91.4 | 93.2 | 93.8 | 94.4 | 94.6 | 94.6 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.3 |
| IV 1000 | 75.8 | 87.1 | 89.6 | 92.0 | 94.1 | 94.6 | 95.2 | 95.5 | 95.5 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 96.1 |
| IV 900 | 75.8 | 87.2 | 89.8 | 92.7 | 94.7 | 95.3 | 95.9 | 96.1 | 96.1 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.8 |
| IV 800 | 76.1 | 87.6 | 90.2 | 93.1 | 95.2 | 95.7 | 96.3 | 96.6 | 96.6 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2 |
| IV 700 | 76.1 | 87.8 | 90.4 | 93.4 | 95.7 | 96.5 | 97.2 | 97.6 | 97.6 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.3 |
| IV 600 | 76.1 | 88.2 | 90.9 | 93.9 | 96.3 | 97.3 | 98.1 | 98.5 | 98.5 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.2 |
| IV 500 | 76.1 | 88.2 | 90.9 | 93.9 | 96.5 | 97.4 | 98.2 | 98.6 | 98.7 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.5 |
| IV 400 | 76.1 | 88.3 | 91.0 | 94.0 | 96.7 | 97.6 | 98.4 | 98.9 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 |
| IV 300 | 76.1 | 88.3 | 91.0 | 94.0 | 96.7 | 97.7 | 98.5 | 99.0 | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 |
| IV 200 | 76.1 | 88.3 | 91.0 | 94.1 | 96.8 | 97.8 | 98.8 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 |
| IV 100 | 76.1 | 88.3 | 91.0 | 94.1 | 96.8 | 97.8 | 98.6 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 |
| IV 0 | 76.1 | 88.3 | 91.0 | 94.1 | 96.8 | 97.8 | 98.6 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 44.7 | 52.9 | 55.2 | 56.5 | 57.1 | 57.2 | 58.1 | 58.9 | 59.0 | 59.2 | 59.4 | 59.5 | 59.6 | 59.6 | 59.7 | 60.3 |
| ≥ 20000 | 50.9 | 59.6 | 62.3 | 63.8 | 64.7 | 64.8 | 65.8 | 66.7 | 66.8 | 67.1 | 67.3 | 67.4 | 67.5 | 67.5 | 67.6 | 68.3 |
| ≥ 18000 | 50.8 | 59.9 | 62.6 | 64.1 | 65.1 | 65.2 | 66.1 | 67.0 | 67.1 | 67.4 | 67.6 | 67.7 | 67.8 | 67.8 | 68.0 | 68.6 |
| ≥ 16000 | 51.0 | 60.1 | 62.8 | 64.3 | 65.3 | 65.4 | 66.3 | 67.2 | 67.3 | 67.6 | 67.8 | 68.0 | 68.1 | 68.1 | 68.2 | 68.8 |
| ≥ 14000 | 52.4 | 61.8 | 64.5 | 66.0 | 67.0 | 67.1 | 68.2 | 69.0 | 69.1 | 69.5 | 69.7 | 69.8 | 69.9 | 69.9 | 70.0 | 70.6 |
| ≥ 12000 | 53.7 | 63.4 | 66.2 | 67.8 | 68.9 | 69.1 | 70.3 | 71.2 | 71.3 | 71.6 | 71.8 | 71.9 | 72.0 | 72.0 | 72.2 | 72.8 |
| ≥ 10000 | 58.4 | 68.8 | 71.7 | 73.4 | 74.6 | 74.8 | 76.1 | 77.1 | 77.2 | 77.5 | 77.7 | 77.8 | 78.0 | 78.0 | 78.1 | 78.7 |
| ≥ 9000 | 58.7 | 69.4 | 72.3 | 74.0 | 75.2 | 75.4 | 76.7 | 77.7 | 77.8 | 78.2 | 78.4 | 78.5 | 78.6 | 78.6 | 78.7 | 79.4 |
| ≥ 8000 | 60.6 | 71.8 | 74.7 | 76.5 | 77.7 | 78.0 | 79.4 | 80.4 | 80.8 | 81.1 | 81.3 | 81.4 | 81.5 | 81.5 | 81.6 | 82.3 |
| ≥ 7000 | 61.2 | 72.7 | 75.6 | 77.3 | 78.6 | 78.9 | 80.4 | 81.5 | 81.8 | 82.2 | 82.4 | 82.5 | 82.6 | 82.6 | 82.7 | 83.3 |
| ≥ 6000 | 62.4 | 73.7 | 76.6 | 78.3 | 79.7 | 80.0 | 81.5 | 82.6 | 82.9 | 83.2 | 83.4 | 83.5 | 83.7 | 83.7 | 83.8 | 84.4 |
| ≥ 5000 | 63.8 | 75.3 | 78.2 | 80.2 | 81.6 | 82.0 | 83.5 | 84.6 | 84.9 | 85.3 | 85.5 | 85.6 | 85.7 | 85.7 | 85.8 | 86.5 |
| ≥ 4500 | 64.0 | 75.6 | 78.6 | 80.5 | 81.9 | 82.4 | 83.9 | 85.2 | 85.5 | 85.8 | 86.0 | 86.1 | 86.2 | 86.2 | 86.3 | 87.0 |
| ≥ 4000 | 64.7 | 76.6 | 79.6 | 81.5 | 82.9 | 83.3 | 84.8 | 86.2 | 86.6 | 86.9 | 87.1 | 87.2 | 87.3 | 87.3 | 87.4 | 88.1 |
| ≥ 3500 | 65.4 | 77.4 | 80.4 | 82.6 | 84.1 | 84.5 | 86.0 | 87.4 | 87.7 | 88.1 | 88.3 | 88.4 | 88.5 | 88.5 | 88.6 | 89.2 |
| ≥ 3000 | 65.9 | 78.0 | 81.0 | 83.1 | 84.6 | 85.1 | 86.6 | 88.0 | 88.3 | 88.6 | 88.8 | 88.9 | 89.0 | 89.0 | 89.1 | 89.8 |
| ≥ 2500 | 66.0 | 78.2 | 81.5 | 83.7 | 85.2 | 85.6 | 87.1 | 88.5 | 88.8 | 89.1 | 89.4 | 89.5 | 89.6 | 89.6 | 89.7 | 90.3 |
| ≥ 2000 | 66.3 | 78.6 | 81.9 | 84.3 | 85.8 | 86.3 | 88.0 | 89.4 | 89.7 | 90.0 | 90.2 | 90.3 | 90.4 | 90.4 | 90.5 | 91.2 |
| ≥ 1800 | 66.3 | 78.6 | 81.9 | 84.4 | 85.9 | 86.5 | 88.1 | 89.5 | 89.8 | 90.1 | 90.3 | 90.4 | 90.5 | 90.5 | 90.6 | 91.3 |
| ≥ 1500 | 66.7 | 79.1 | 82.5 | 85.1 | 86.7 | 87.2 | 88.8 | 90.2 | 90.5 | 90.9 | 91.1 | 91.2 | 91.3 | 91.3 | 91.4 | 92.0 |
| ≥ 1200 | 67.3 | 80.2 | 83.8 | 86.3 | 88.0 | 88.5 | 90.1 | 91.6 | 92.0 | 92.5 | 92.7 | 92.8 | 92.9 | 92.9 | 93.0 | 93.7 |
| ≥ 1000 | 67.7 | 81.1 | 84.6 | 87.3 | 89.0 | 89.6 | 91.4 | 92.9 | 93.3 | 93.8 | 94.0 | 94.1 | 94.2 | 94.2 | 94.3 | 94.9 |
| ≥ 900 | 68.1 | 81.5 | 85.1 | 87.7 | 89.8 | 90.3 | 92.2 | 93.7 | 94.1 | 94.5 | 94.7 | 94.8 | 94.9 | 94.9 | 95.1 | 95.7 |
| ≥ 800 | 68.2 | 81.9 | 85.5 | 88.3 | 90.5 | 91.1 | 92.9 | 94.4 | 94.8 | 95.3 | 95.5 | 95.6 | 95.7 | 95.7 | 95.8 | 96.5 |
| ≥ 700 | 68.5 | 82.5 | 86.1 | 89.4 | 91.8 | 92.4 | 94.2 | 95.9 | 96.3 | 96.8 | 97.0 | 97.1 | 97.2 | 97.2 | 97.3 | 98.0 |
| ≥ 600 | 68.5 | 82.5 | 86.2 | 89.5 | 91.9 | 92.5 | 94.4 | 96.6 | 97.0 | 97.5 | 97.8 | 98.0 | 98.1 | 98.1 | 98.2 | 98.8 |
| ≥ 500 | 68.5 | 82.6 | 86.3 | 89.7 | 92.4 | 92.9 | 94.9 | 97.3 | 97.7 | 98.3 | 98.4 | 98.7 | 98.8 | 98.8 | 98.9 | 99.6 |
| ≥ 400 | 68.5 | 82.6 | 86.3 | 89.7 | 92.4 | 92.9 | 94.9 | 97.4 | 97.8 | 98.4 | 98.7 | 98.8 | 99.0 | 99.0 | 99.1 | 99.8 |
| ≥ 300 | 68.5 | 82.6 | 86.3 | 89.7 | 92.4 | 92.9 | 94.9 | 97.4 | 97.8 | 98.4 | 98.7 | 98.8 | 99.0 | 99.0 | 99.1 | 99.8 |
| ≥ 200 | 68.5 | 82.6 | 86.3 | 89.7 | 92.4 | 92.9 | 94.9 | 97.4 | 97.8 | 98.4 | 98.7 | 98.8 | 99.0 | 99.0 | 99.1 | 99.8 |
| ≥ 100 | 68.5 | 82.6 | 86.3 | 89.7 | 92.4 | 92.9 | 94.9 | 97.4 | 97.8 | 98.4 | 98.7 | 98.8 | 99.0 | 99.0 | 99.1 | 99.8 |
| ≥ 0 | 68.5 | 82.6 | 86.3 | 89.7 | 92.4 | 92.9 | 94.9 | 97.4 | 97.8 | 98.4 | 98.7 | 98.8 | 99.0 | 99.0 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS U.S.T.

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.4 | ≥.3 | ≥.1 | ≥.05 | ≥.01 | ≥0 |
| NO CEILING | 53.7 | 60.8 | 61.0 | 62.2 | 62.5 | 62.6 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 20000 | 61.1 | 68.5 | 68.7 | 69.9 | 70.2 | 70.3 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| IV 18000 | 61.9 | 69.4 | 69.6 | 70.8 | 71.1 | 71.2 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| IV 16000 | 63.4 | 71.2 | 71.4 | 72.6 | 73.1 | 73.2 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 14000 | 64.1 | 71.8 | 72.0 | 73.2 | 73.8 | 73.9 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| IV 12000 | 65.8 | 73.8 | 74.1 | 75.4 | 75.9 | 76.0 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| IV 10000 | 68.8 | 77.7 | 78.2 | 79.5 | 80.1 | 80.2 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| IV 9000 | 69.0 | 78.1 | 78.5 | 79.8 | 80.4 | 80.5 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 8000 | 71.2 | 80.6 | 81.1 | 82.6 | 83.3 | 83.4 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| IV 7000 | 71.9 | 81.4 | 81.8 | 83.3 | 84.1 | 84.2 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| IV 6000 | 72.4 | 81.8 | 82.3 | 84.0 | 84.7 | 84.8 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| IV 5000 | 73.4 | 83.0 | 83.4 | 85.4 | 86.1 | 86.2 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| IV 4500 | 73.5 | 83.1 | 83.5 | 85.5 | 86.2 | 86.3 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| IV 4000 | 74.3 | 84.2 | 84.6 | 86.7 | 87.4 | 87.5 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| IV 3500 | 75.2 | 85.2 | 85.6 | 87.6 | 88.4 | 88.5 | 89.0 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 3000 | 75.8 | 86.1 | 86.7 | 88.9 | 89.7 | 89.8 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| IV 2500 | 76.5 | 87.2 | 87.8 | 90.1 | 90.9 | 91.0 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| IV 2000 | 77.0 | 87.8 | 88.5 | 90.8 | 91.5 | 91.6 | 92.2 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| IV 1800 | 77.4 | 88.3 | 89.0 | 91.3 | 92.0 | 92.2 | 92.7 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| IV 1500 | 77.8 | 88.9 | 89.7 | 92.3 | 93.1 | 93.2 | 93.8 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| IV 1200 | 78.8 | 90.6 | 91.8 | 94.6 | 95.6 | 95.7 | 96.3 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| IV 1000 | 79.5 | 91.9 | 93.3 | 96.3 | 97.4 | 97.5 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 900 | 79.5 | 91.9 | 93.3 | 96.3 | 97.4 | 97.5 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 800 | 79.5 | 91.9 | 93.3 | 96.3 | 97.4 | 97.5 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 700 | 79.5 | 92.0 | 93.4 | 96.8 | 97.8 | 98.0 | 98.8 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 600 | 79.8 | 92.4 | 93.8 | 97.1 | 98.2 | 98.3 | 99.1 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 500 | 79.8 | 92.4 | 93.8 | 97.1 | 98.2 | 98.3 | 99.1 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 400 | 79.8 | 92.4 | 93.8 | 97.1 | 98.2 | 98.3 | 99.1 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 300 | 79.8 | 92.4 | 93.8 | 97.1 | 98.2 | 98.3 | 99.1 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 200 | 79.8 | 92.4 | 93.8 | 97.1 | 98.2 | 98.3 | 99.1 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 100 | 79.8 | 92.4 | 93.8 | 97.1 | 98.2 | 98.3 | 99.1 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 0 | 79.8 | 92.4 | 93.8 | 97.1 | 98.2 | 98.3 | 99.1 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING ≥ 20000 | 60.8 | 65.5 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 18000 | 67.8 | 72.8 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| IV 16000 | 68.4 | 73.3 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| IV 14000 | 69.0 | 74.0 | 74.4 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| IV 12000 | 70.0 | 75.1 | 75.5 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| IV 10000 | 71.8 | 77.2 | 77.6 | 77.8 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| IV 9000 | 74.8 | 81.1 | 81.5 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| IV 8000 | 75.2 | 81.7 | 82.2 | 82.4 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| IV 7000 | 77.4 | 84.4 | 84.8 | 85.4 | 85.3 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| IV 6000 | 78.3 | 85.4 | 85.8 | 86.3 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| IV 5000 | 78.6 | 85.8 | 86.2 | 86.8 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| IV 4000 | 78.7 | 86.1 | 86.6 | 87.2 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| IV 3500 | 78.7 | 86.2 | 86.7 | 87.3 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| IV 3000 | 79.8 | 87.6 | 88.3 | 88.9 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 2500 | 81.0 | 89.2 | 89.9 | 90.6 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| IV 2000 | 82.2 | 91.8 | 92.5 | 93.2 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| IV 1800 | 84.2 | 93.1 | 93.8 | 94.5 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| IV 1500 | 85.1 | 94.3 | 95.2 | 95.9 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 1200 | 85.4 | 94.6 | 95.5 | 96.2 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| IV 1000 | 85.9 | 95.3 | 96.3 | 97.1 | 97.6 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| IV 900 | 86.2 | 95.9 | 97.1 | 97.8 | 98.6 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 800 | 86.6 | 96.2 | 97.4 | 98.2 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 700 | 86.6 | 96.2 | 97.4 | 98.2 | 98.9 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 600 | 86.7 | 96.5 | 97.6 | 98.4 | 99.1 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 500 | 86.9 | 96.7 | 97.8 | 98.6 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 400 | 86.9 | 96.7 | 97.8 | 98.6 | 99.4 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 86.9 | 96.7 | 97.8 | 98.6 | 99.4 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 86.9 | 96.7 | 97.8 | 98.6 | 99.4 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 86.9 | 96.7 | 97.8 | 98.6 | 99.4 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 86.9 | 96.7 | 97.8 | 98.6 | 99.4 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥.4 |
| NO CEILING | 63.5 | 66.7 | 66.7 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 20000 | 72.2 | 75.3 | 75.3 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 18000 | 72.3 | 75.4 | 75.4 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 16000 | 72.6 | 75.7 | 75.7 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 14000 | 73.3 | 76.8 | 76.8 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 12000 | 75.4 | 78.9 | 78.9 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 10000 | 77.7 | 82.3 | 82.3 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 9000 | 78.3 | 82.8 | 82.8 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 8000 | 80.0 | 84.7 | 84.7 | 84.9 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 7000 | 80.8 | 85.5 | 85.6 | 85.8 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 6000 | 81.6 | 86.5 | 86.6 | 86.8 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 5000 | 83.2 | 88.5 | 88.8 | 89.1 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 4500 | 83.5 | 88.8 | 89.1 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 4000 | 85.4 | 91.5 | 91.8 | 92.2 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 3500 | 86.5 | 92.9 | 93.2 | 93.5 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 3000 | 88.6 | 95.3 | 95.6 | 96.1 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 2500 | 89.9 | 96.6 | 96.9 | 97.4 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2000 | 90.2 | 96.9 | 97.3 | 98.1 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1800 | 90.2 | 96.9 | 97.6 | 98.3 | 98.5 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1500 | 90.2 | 96.9 | 97.6 | 98.3 | 98.6 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1200 | 90.3 | 97.0 | 97.7 | 98.4 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 90.3 | 97.2 | 98.0 | 98.6 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 90.3 | 97.4 | 98.2 | 98.8 | 99.1 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 800 | 90.3 | 97.6 | 98.4 | 99.0 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 90.3 | 97.6 | 98.4 | 99.0 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 90.3 | 97.6 | 98.4 | 99.0 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 90.3 | 97.6 | 98.4 | 99.0 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 90.3 | 97.6 | 98.4 | 99.0 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 90.3 | 97.6 | 98.4 | 99.0 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 90.3 | 97.6 | 98.4 | 99.0 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 90.3 | 97.6 | 98.4 | 99.0 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 90.3 | 97.6 | 98.4 | 99.0 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS OF DAY

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥0 |
| NO CEILING | 66.2 | 70.5 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 20000 | 72.8 | 77.3 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 18000 | 73.2 | 77.7 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 16000 | 73.4 | 78.0 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 14000 | 74.1 | 78.6 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 12000 | 75.4 | 79.9 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 10000 | 78.5 | 83.4 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 9000 | 79.5 | 84.4 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 8000 | 81.6 | 86.6 | 87.2 | 87.3 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 7000 | 82.8 | 88.0 | 88.6 | 88.7 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 6000 | 83.8 | 89.1 | 89.8 | 89.9 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 5000 | 85.3 | 91.0 | 91.8 | 92.0 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 4500 | 85.9 | 91.7 | 92.6 | 92.8 | 93.3 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 4000 | 86.6 | 92.4 | 93.2 | 93.4 | 94.0 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 3500 | 87.1 | 93.1 | 94.0 | 94.2 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 3000 | 88.9 | 95.3 | 96.2 | 96.5 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 2500 | 89.0 | 95.4 | 96.3 | 96.6 | 97.2 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 2000 | 89.4 | 95.8 | 96.9 | 97.1 | 97.4 | 97.4 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1800 | 89.4 | 95.8 | 97.1 | 97.3 | 98.1 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1500 | 89.4 | 95.9 | 97.2 | 97.5 | 98.5 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1200 | 89.4 | 95.9 | 97.2 | 97.5 | 98.5 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | 89.6 | 96.2 | 97.6 | 98.0 | 99.0 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 900 | 89.6 | 96.3 | 97.7 | 98.1 | 99.1 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 800 | 89.6 | 96.3 | 97.7 | 98.1 | 99.1 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 89.6 | 96.3 | 97.7 | 98.2 | 99.2 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 89.6 | 96.3 | 97.7 | 98.3 | 99.4 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 89.6 | 96.3 | 97.7 | 98.3 | 99.4 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 89.6 | 96.3 | 97.7 | 98.3 | 99.4 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 89.6 | 96.3 | 97.7 | 98.3 | 99.4 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 89.6 | 96.3 | 97.7 | 98.3 | 99.4 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 89.6 | 96.3 | 97.7 | 98.3 | 99.4 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 89.6 | 96.3 | 97.7 | 98.3 | 99.4 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.T.

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥.5 | ≥.25 | ≥.1 | ≥.05 | ≥.025 | ≥.01 | ≥0 |
| NO CEILING | 67.4 | 72.7 | 73.9 | 74.9 | 75.1 | 75.1 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 20000 | 72.0 | 77.4 | 78.6 | 79.7 | 79.8 | 79.8 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 18000 | 72.3 | 77.6 | 78.8 | 79.9 | 80.1 | 80.1 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 16000 | 72.8 | 78.2 | 79.4 | 80.4 | 80.6 | 80.6 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 14000 | 74.0 | 79.4 | 80.5 | 81.6 | 81.8 | 81.8 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 12000 | 75.4 | 80.8 | 82.0 | 83.1 | 83.3 | 83.3 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 10000 | 78.8 | 84.4 | 85.7 | 86.8 | 87.0 | 87.0 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 9000 | 79.4 | 84.9 | 86.2 | 87.3 | 87.5 | 87.5 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 8000 | 80.6 | 86.5 | 87.7 | 88.8 | 89.0 | 89.0 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 7000 | 81.8 | 87.7 | 89.0 | 90.1 | 90.3 | 90.3 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 6000 | 82.7 | 88.6 | 90.0 | 91.1 | 91.3 | 91.3 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 5000 | 84.3 | 90.2 | 91.8 | 92.9 | 93.3 | 93.3 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 4500 | 84.3 | 90.4 | 92.0 | 93.1 | 93.7 | 93.7 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 4000 | 84.6 | 90.9 | 92.6 | 93.8 | 94.4 | 94.4 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 3500 | 84.8 | 91.3 | 93.0 | 94.2 | 94.8 | 94.8 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 3000 | 85.5 | 92.5 | 94.2 | 95.4 | 96.0 | 96.0 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 2500 | 85.7 | 92.9 | 94.6 | 95.9 | 96.6 | 96.6 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 2000 | 85.8 | 93.0 | 94.7 | 96.0 | 96.7 | 96.7 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1800 | 85.8 | 93.0 | 94.7 | 96.0 | 96.7 | 96.7 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1500 | 85.8 | 93.1 | 94.8 | 96.2 | 96.9 | 97.0 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1200 | 85.9 | 93.3 | 95.1 | 96.6 | 97.2 | 97.3 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1000 | 86.1 | 93.8 | 95.5 | 97.0 | 97.7 | 97.8 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 900 | 86.1 | 94.1 | 95.8 | 97.3 | 98.1 | 98.2 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 800 | 86.1 | 94.2 | 96.0 | 97.5 | 98.3 | 98.4 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 700 | 86.1 | 94.3 | 96.1 | 98.1 | 98.8 | 99.0 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 86.1 | 94.3 | 96.1 | 98.1 | 98.9 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 86.1 | 94.3 | 96.1 | 98.1 | 98.9 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 86.1 | 94.3 | 96.1 | 98.1 | 98.9 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 86.1 | 94.3 | 96.1 | 98.1 | 98.9 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 86.1 | 94.3 | 96.1 | 98.1 | 98.9 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 86.1 | 94.3 | 96.1 | 98.1 | 98.9 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 86.1 | 94.3 | 96.1 | 98.1 | 98.9 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

69-70

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 0.16 | ≥ 0.1 | ≥ 0 |
| NO CEILING | 59.3 | 65.0 | 65.9 | 66.8 | 67.2 | 67.2 | 67.4 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.8 |
| ≥ 20000 | 65.2 | 71.3 | 72.3 | 73.1 | 73.6 | 73.6 | 74.9 | 74.0 | 74.0 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 |
| ≥ 18000 | 65.6 | 71.6 | 72.6 | 73.5 | 73.9 | 74.0 | 74.2 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 | 74.7 |
| ≥ 16000 | 66.1 | 72.2 | 73.2 | 74.1 | 74.6 | 74.6 | 74.9 | 75.0 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.4 |
| ≥ 14000 | 67.0 | 73.2 | 74.2 | 75.2 | 75.7 | 75.7 | 76.0 | 76.1 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.5 |
| ≥ 12000 | 68.6 | 75.0 | 76.1 | 77.0 | 77.6 | 77.6 | 77.9 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.4 |
| ≥ 10000 | 72.0 | 79.0 | 80.2 | 81.1 | 81.7 | 81.8 | 82.1 | 82.2 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.6 |
| ≥ 9000 | 72.6 | 79.7 | 80.9 | 81.8 | 82.4 | 82.5 | 82.7 | 82.9 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.3 |
| ≥ 8000 | 74.3 | 81.8 | 83.0 | 84.0 | 84.6 | 84.7 | 85.1 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.6 |
| ≥ 7000 | 75.3 | 82.8 | 84.0 | 85.0 | 85.7 | 85.8 | 86.2 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.7 |
| ≥ 6000 | 76.1 | 83.7 | 84.9 | 86.0 | 86.7 | 86.8 | 87.2 | 87.4 | 87.4 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.8 |
| ≥ 5000 | 77.4 | 85.3 | 86.7 | 87.9 | 88.6 | 88.7 | 89.2 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.7 |
| ≥ 4500 | 77.7 | 85.6 | 87.0 | 88.2 | 89.0 | 89.1 | 89.6 | 89.8 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.2 |
| ≥ 4000 | 78.6 | 86.8 | 88.2 | 89.5 | 90.3 | 90.5 | 91.0 | 91.2 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.6 |
| ≥ 3500 | 79.2 | 87.7 | 89.1 | 90.5 | 91.3 | 91.5 | 91.9 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.5 |
| ≥ 3000 | 80.4 | 89.1 | 90.6 | 92.0 | 92.8 | 93.0 | 93.5 | 93.7 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.1 |
| ≥ 2500 | 80.9 | 89.8 | 91.3 | 92.7 | 93.5 | 93.7 | 94.2 | 94.5 | 94.5 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 |
| ≥ 2000 | 81.2 | 90.2 | 91.8 | 93.3 | 94.2 | 94.4 | 94.9 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.5 |
| ≥ 1800 | 81.3 | 90.3 | 92.0 | 93.5 | 94.4 | 94.6 | 95.1 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.7 |
| ≥ 1500 | 81.5 | 90.6 | 92.4 | 93.9 | 94.9 | 95.3 | 95.8 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.4 |
| ≥ 1200 | 81.8 | 91.2 | 93.0 | 94.6 | 95.6 | 96.0 | 96.5 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 |
| ≥ 1000 | 82.1 | 91.6 | 93.5 | 95.3 | 96.4 | 96.7 | 97.3 | 97.6 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 98.1 |
| ≥ 900 | 82.1 | 91.8 | 93.7 | 95.5 | 96.7 | 97.0 | 97.7 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.4 |
| ≥ 800 | 82.2 | 92.0 | 94.0 | 95.8 | 97.0 | 97.3 | 98.0 | 98.3 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.7 |
| ≥ 700 | 82.3 | 92.2 | 94.1 | 96.2 | 97.5 | 97.8 | 98.5 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.3 |
| ≥ 600 | 82.3 | 92.3 | 94.3 | 96.4 | 97.7 | 98.1 | 98.8 | 99.2 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 |
| ≥ 500 | 82.3 | 92.3 | 94.3 | 96.4 | 97.8 | 98.2 | 98.9 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 |
| ≥ 400 | 82.3 | 92.3 | 94.3 | 96.4 | 97.8 | 98.2 | 98.9 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 |
| ≥ 300 | 82.3 | 92.3 | 94.3 | 96.4 | 97.8 | 98.2 | 98.9 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 |
| ≥ 200 | 82.3 | 92.3 | 94.3 | 96.4 | 97.8 | 98.2 | 98.9 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 |
| ≥ 100 | 82.3 | 92.3 | 94.3 | 96.4 | 97.8 | 98.2 | 98.9 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 |
| ≥ 0 | 82.3 | 92.3 | 94.3 | 96.4 | 97.8 | 98.2 | 98.9 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.T.

| CEILING FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0 |
| NO CEILING | 59.8 | 64.2 | 65.0 | 66.1 | 67.1 | 67.2 | 67.9 | 67.9 | 67.9 | 68.0 | 68.0 | 68.0 | 68.2 | 68.2 | 68.3 | 68.7 |
| ≥ 20000 | 61.7 | 66.2 | 67.0 | 68.1 | 69.1 | 69.2 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.2 | 70.2 | 70.3 | 70.7 |
| ≥ 18000 | 61.8 | 66.3 | 67.1 | 68.2 | 69.2 | 69.3 | 70.0 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.3 | 70.3 | 70.4 | 70.8 |
| ≥ 16000 | 62.1 | 66.7 | 67.4 | 68.3 | 69.6 | 69.7 | 70.3 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.7 | 70.7 | 70.8 | 71.1 |
| ≥ 14000 | 63.8 | 68.4 | 69.2 | 70.3 | 71.3 | 71.4 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.4 | 72.4 | 72.6 | 72.9 |
| ≥ 12000 | 65.1 | 69.8 | 70.6 | 71.7 | 72.7 | 72.8 | 73.4 | 73.4 | 73.4 | 73.6 | 73.6 | 73.6 | 73.8 | 73.8 | 73.9 | 74.2 |
| ≥ 10000 | 67.3 | 72.7 | 73.0 | 74.1 | 75.1 | 75.2 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.2 | 76.2 | 76.3 | 76.7 |
| ≥ 9000 | 68.1 | 73.0 | 73.8 | 74.9 | 75.9 | 76.0 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 77.0 | 77.0 | 77.1 | 77.4 |
| ≥ 8000 | 69.9 | 74.8 | 75.7 | 76.8 | 77.9 | 78.0 | 78.7 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 79.0 | 79.0 | 79.1 | 79.4 |
| ≥ 7000 | 70.6 | 75.4 | 76.3 | 77.4 | 78.6 | 78.7 | 79.3 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.7 | 79.7 | 79.8 | 80.1 |
| ≥ 6000 | 72.2 | 77.3 | 78.2 | 79.3 | 80.4 | 80.6 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.6 | 81.6 | 81.7 | 82.0 |
| ≥ 5000 | 74.0 | 79.7 | 80.6 | 81.7 | 82.8 | 82.9 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.9 | 83.9 | 84.0 | 84.3 |
| ≥ 4500 | 74.3 | 80.2 | 81.2 | 82.4 | 83.6 | 83.7 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.7 | 84.7 | 84.8 | 85.1 |
| ≥ 4000 | 74.8 | 81.0 | 82.0 | 83.2 | 84.3 | 84.4 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.4 | 85.4 | 85.6 | 85.9 |
| ≥ 3500 | 75.7 | 81.9 | 82.9 | 84.1 | 85.2 | 85.3 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.3 | 86.3 | 86.4 | 86.8 |
| ≥ 3000 | 76.9 | 83.4 | 84.4 | 85.9 | 87.1 | 87.2 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.2 | 88.2 | 88.3 | 88.7 |
| ≥ 2500 | 78.2 | 85.3 | 86.3 | 87.8 | 89.1 | 89.2 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.2 | 90.2 | 90.3 | 90.7 |
| ≥ 2000 | 78.8 | 86.0 | 87.1 | 88.6 | 89.9 | 90.0 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 91.0 | 91.0 | 91.1 | 91.4 |
| ≥ 1800 | 78.9 | 86.1 | 87.2 | 88.7 | 90.0 | 90.1 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 91.1 | 91.1 | 91.2 | 91.6 |
| ≥ 1500 | 79.4 | 86.8 | 88.0 | 89.4 | 90.8 | 90.9 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 92.0 | 92.0 | 92.1 | 92.4 |
| ≥ 1200 | 79.9 | 87.3 | 88.8 | 90.3 | 91.7 | 91.8 | 92.6 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 93.0 | 93.0 | 93.1 | 93.4 |
| ≥ 1000 | 80.2 | 88.0 | 89.4 | 91.2 | 92.8 | 92.9 | 93.7 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.3 | 94.3 | 94.4 | 94.8 |
| ≥ 900 | 81.1 | 89.0 | 90.4 | 92.2 | 93.8 | 93.9 | 94.7 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.3 | 95.3 | 95.4 | 95.8 |
| ≥ 800 | 81.2 | 89.3 | 91.0 | 92.8 | 94.4 | 94.6 | 95.3 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 96.1 | 96.1 | 96.2 | 96.6 |
| ≥ 700 | 81.3 | 89.6 | 91.3 | 93.2 | 94.9 | 95.0 | 95.9 | 96.3 | 96.4 | 96.6 | 96.6 | 96.6 | 96.8 | 96.8 | 96.9 | 97.2 |
| ≥ 500 | 81.4 | 89.7 | 91.6 | 93.6 | 95.2 | 95.3 | 96.2 | 96.7 | 97.0 | 97.2 | 97.2 | 97.2 | 97.4 | 97.4 | 97.6 | 97.9 |
| ≥ 400 | 81.6 | 89.9 | 92.1 | 94.2 | 95.9 | 96.1 | 97.0 | 97.6 | 97.9 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.4 | 98.8 |
| ≥ 300 | 81.6 | 89.9 | 92.1 | 94.2 | 96.0 | 96.2 | 97.1 | 97.7 | 98.0 | 98.2 | 98.2 | 98.3 | 98.6 | 98.6 | 98.7 | 99.0 |
| ≥ 200 | 81.6 | 89.9 | 92.1 | 94.3 | 96.1 | 96.3 | 97.2 | 98.2 | 98.7 | 98.9 | 98.9 | 99.0 | 99.2 | 99.2 | 99.3 | 99.7 |
| ≥ 100 | 81.6 | 89.9 | 92.1 | 94.3 | 96.1 | 96.3 | 97.3 | 98.3 | 98.8 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.6 | 99.9 |
| ≥ 0 | 81.6 | 89.9 | 92.1 | 94.3 | 96.1 | 96.3 | 97.3 | 98.3 | 98.8 | 99.0 | 99.2 | 99.3 | 99.6 | 99.6 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE

STATION NAME

69-76

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LT)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|--------|------|--------|--------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 1/2 | ≥2 | ≥1 1/2 | ≥1 1/4 | ≥1 | ≥3/4 | ≥3/8 | ≥1/2 | ≥1/4 | ≥1/8 | ≥0 |
| NO CEILING ≥ 20000 | 57.3 | 61.0 | 61.7 | 62.7 | 64.6 | 64.8 | 65.2 | 65.6 | 65.7 | 65.8 | 65.9 | 65.9 | 65.9 | 66.0 | 66.1 | 66.4 |
| ≥ 18000 | 58.4 | 62.1 | 62.8 | 63.8 | 65.7 | 65.9 | 66.3 | 66.7 | 66.8 | 66.9 | 67.0 | 67.0 | 67.0 | 67.1 | 67.2 | 67.6 |
| ≥ 16000 | 59.3 | 63.0 | 63.7 | 64.7 | 66.6 | 66.8 | 67.2 | 67.6 | 67.7 | 67.8 | 67.9 | 67.9 | 67.9 | 68.0 | 68.1 | 68.4 |
| ≥ 14000 | 60.4 | 64.1 | 64.8 | 65.8 | 67.7 | 67.9 | 68.3 | 68.7 | 68.8 | 68.9 | 69.0 | 69.0 | 69.0 | 69.1 | 69.2 | 69.6 |
| ≥ 12000 | 62.2 | 65.9 | 66.6 | 67.6 | 69.4 | 69.7 | 70.1 | 70.4 | 70.6 | 70.7 | 70.8 | 70.8 | 70.8 | 70.9 | 71.0 | 71.3 |
| ≥ 10000 | 65.0 | 69.1 | 70.1 | 71.1 | 73.0 | 73.2 | 73.7 | 74.0 | 74.1 | 74.2 | 74.3 | 74.3 | 74.3 | 74.4 | 74.6 | 74.9 |
| ≥ 9000 | 65.2 | 69.3 | 70.3 | 71.3 | 73.2 | 73.4 | 73.9 | 74.2 | 74.3 | 74.4 | 74.6 | 74.6 | 74.6 | 74.7 | 74.8 | 75.1 |
| ≥ 8000 | 67.1 | 71.3 | 72.3 | 73.3 | 75.2 | 75.4 | 75.9 | 76.2 | 76.3 | 76.4 | 76.6 | 76.6 | 76.6 | 76.7 | 76.8 | 77.1 |
| ≥ 7000 | 67.6 | 71.8 | 72.8 | 73.8 | 75.7 | 75.9 | 76.3 | 76.7 | 76.8 | 76.9 | 77.0 | 77.0 | 77.0 | 77.1 | 77.2 | 77.6 |
| ≥ 6000 | 68.8 | 73.0 | 74.0 | 75.0 | 76.9 | 77.1 | 77.6 | 77.9 | 78.0 | 78.1 | 78.2 | 78.2 | 78.2 | 78.3 | 78.4 | 78.8 |
| ≥ 5000 | 71.1 | 75.3 | 76.6 | 77.6 | 79.4 | 79.7 | 80.1 | 80.4 | 80.6 | 80.7 | 80.8 | 80.8 | 80.8 | 80.9 | 81.0 | 81.3 |
| ≥ 4500 | 71.3 | 75.7 | 76.9 | 77.9 | 79.8 | 80.0 | 80.4 | 80.8 | 80.9 | 81.0 | 81.1 | 81.1 | 81.1 | 81.2 | 81.3 | 81.7 |
| ≥ 4000 | 71.9 | 76.6 | 77.8 | 78.8 | 80.8 | 81.0 | 81.4 | 81.8 | 81.9 | 82.0 | 82.1 | 82.1 | 82.1 | 82.2 | 82.3 | 82.7 |
| ≥ 3500 | 72.3 | 77.0 | 78.2 | 79.2 | 81.2 | 81.4 | 81.9 | 82.2 | 82.3 | 82.4 | 82.6 | 82.6 | 82.6 | 82.7 | 82.8 | 83.1 |
| ≥ 3000 | 73.1 | 78.1 | 79.3 | 80.4 | 82.4 | 82.7 | 83.1 | 83.4 | 83.6 | 83.7 | 83.8 | 83.8 | 83.8 | 83.9 | 84.0 | 84.3 |
| ≥ 2500 | 74.1 | 79.2 | 80.7 | 81.9 | 83.9 | 84.1 | 84.6 | 84.9 | 85.0 | 85.1 | 85.2 | 85.2 | 85.2 | 85.3 | 85.4 | 85.8 |
| ≥ 2000 | 75.8 | 81.0 | 82.7 | 83.9 | 85.9 | 86.1 | 86.6 | 86.9 | 87.0 | 87.1 | 87.2 | 87.2 | 87.2 | 87.3 | 87.4 | 87.8 |
| ≥ 1800 | 75.8 | 81.1 | 82.8 | 84.0 | 86.0 | 86.2 | 86.7 | 87.0 | 87.1 | 87.2 | 87.3 | 87.3 | 87.3 | 87.4 | 87.6 | 87.9 |
| ≥ 1500 | 76.0 | 81.9 | 83.6 | 84.8 | 86.8 | 87.0 | 87.4 | 87.8 | 87.9 | 88.0 | 88.1 | 88.1 | 88.1 | 88.2 | 88.3 | 88.7 |
| ≥ 1200 | 76.6 | 82.9 | 84.9 | 86.3 | 88.4 | 88.7 | 89.1 | 89.6 | 89.7 | 89.8 | 89.9 | 89.9 | 89.9 | 90.0 | 90.1 | 90.4 |
| ≥ 1000 | 77.8 | 84.3 | 86.3 | 87.9 | 90.2 | 90.7 | 91.1 | 91.7 | 91.9 | 92.0 | 92.1 | 92.1 | 92.1 | 92.2 | 92.3 | 92.8 |
| ≥ 900 | 77.8 | 84.6 | 86.6 | 88.2 | 90.6 | 91.0 | 91.4 | 92.1 | 92.3 | 92.4 | 92.6 | 92.6 | 92.6 | 92.7 | 92.8 | 93.2 |
| ≥ 800 | 78.1 | 85.1 | 87.2 | 88.9 | 91.3 | 91.8 | 92.2 | 93.1 | 93.3 | 93.4 | 93.6 | 93.6 | 93.6 | 93.7 | 93.8 | 94.2 |
| ≥ 700 | 78.2 | 85.8 | 88.0 | 89.7 | 92.2 | 92.7 | 93.1 | 94.0 | 94.3 | 94.4 | 94.6 | 94.6 | 94.6 | 94.7 | 94.8 | 95.2 |
| ≥ 600 | 78.3 | 86.1 | 88.4 | 90.3 | 93.1 | 93.6 | 94.0 | 94.9 | 95.3 | 95.4 | 95.7 | 95.7 | 95.7 | 95.8 | 95.9 | 96.3 |
| ≥ 500 | 78.3 | 86.2 | 88.7 | 90.6 | 93.7 | 94.2 | 94.8 | 95.7 | 96.3 | 96.6 | 96.8 | 96.8 | 96.8 | 96.9 | 97.0 | 97.4 |
| ≥ 400 | 78.3 | 86.2 | 88.9 | 91.0 | 94.2 | 94.8 | 95.6 | 96.6 | 97.2 | 97.4 | 97.8 | 97.8 | 97.8 | 97.9 | 98.0 | 98.6 |
| ≥ 300 | 78.3 | 86.2 | 88.9 | 91.1 | 94.3 | 94.9 | 95.7 | 96.9 | 97.6 | 97.8 | 98.1 | 98.1 | 98.1 | 98.2 | 98.3 | 98.9 |
| ≥ 200 | 78.3 | 86.2 | 88.9 | 91.1 | 94.3 | 94.9 | 95.9 | 97.2 | 97.9 | 98.1 | 98.7 | 98.9 | 99.0 | 99.1 | 99.3 | 99.9 |
| ≥ 100 | 78.3 | 86.2 | 88.9 | 91.1 | 94.3 | 94.9 | 96.0 | 97.2 | 97.9 | 98.1 | 98.7 | 98.9 | 99.1 | 99.2 | 99.4 | 100.0 |
| ≥ 0 | 78.3 | 86.2 | 88.9 | 91.1 | 94.3 | 94.9 | 96.0 | 97.2 | 97.9 | 98.1 | 98.7 | 98.9 | 99.1 | 99.2 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC

FORM
1-1-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

9-78
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.T.

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|-------|-------|--------|--------|-------|--------|---------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0 |
| NO CEILING | 46.3 | 52.6 | 53.9 | 55.2 | 56.7 | 57.2 | 58.0 | 58.3 | 59.0 | 59.3 | 59.4 | 59.4 | 59.6 | 59.6 | 59.8 | 60.1 |
| ≥ 20000 | 50.6 | 53.0 | 56.3 | 57.7 | 59.1 | 59.7 | 60.4 | 60.8 | 61.4 | 61.8 | 61.9 | 61.9 | 62.0 | 62.0 | 62.2 | 62.6 |
| ≥ 18000 | 51.1 | 55.6 | 56.9 | 58.2 | 59.7 | 60.2 | 61.0 | 61.3 | 62.0 | 62.3 | 62.4 | 62.4 | 62.6 | 62.6 | 62.8 | 63.1 |
| ≥ 16000 | 51.2 | 55.7 | 57.0 | 58.3 | 59.8 | 60.3 | 61.1 | 61.4 | 62.1 | 62.4 | 62.6 | 62.6 | 62.7 | 62.7 | 62.9 | 63.2 |
| ≥ 14000 | 52.1 | 56.6 | 57.9 | 59.2 | 60.7 | 61.2 | 62.0 | 62.3 | 63.0 | 63.3 | 63.4 | 63.4 | 63.6 | 63.6 | 63.8 | 64.1 |
| ≥ 12000 | 53.8 | 58.2 | 59.6 | 60.9 | 62.3 | 62.9 | 63.7 | 64.0 | 64.7 | 65.0 | 65.1 | 65.1 | 65.2 | 65.2 | 65.4 | 65.8 |
| ≥ 10000 | 55.7 | 60.8 | 62.2 | 63.7 | 65.1 | 65.7 | 66.4 | 66.8 | 67.4 | 67.8 | 67.9 | 67.9 | 68.0 | 68.0 | 68.2 | 68.6 |
| ≥ 9000 | 55.8 | 60.9 | 62.3 | 63.8 | 65.2 | 65.8 | 66.6 | 66.9 | 67.6 | 67.9 | 68.0 | 68.0 | 68.1 | 68.1 | 68.3 | 68.7 |
| ≥ 8000 | 58.2 | 63.3 | 64.8 | 66.2 | 67.7 | 68.2 | 69.0 | 69.3 | 70.0 | 70.3 | 70.4 | 70.4 | 70.6 | 70.6 | 70.8 | 71.1 |
| ≥ 7000 | 59.9 | 65.1 | 66.6 | 68.2 | 69.7 | 70.2 | 71.0 | 71.3 | 72.0 | 72.3 | 72.4 | 72.4 | 72.6 | 72.6 | 72.8 | 73.1 |
| ≥ 6000 | 61.0 | 66.3 | 67.8 | 69.4 | 70.9 | 71.4 | 72.2 | 72.6 | 73.2 | 73.6 | 73.7 | 73.7 | 73.8 | 73.8 | 74.0 | 74.3 |
| ≥ 5000 | 61.9 | 67.3 | 68.8 | 70.4 | 71.9 | 72.4 | 73.2 | 73.6 | 74.3 | 74.7 | 74.8 | 74.8 | 74.9 | 74.9 | 75.1 | 75.4 |
| ≥ 4500 | 62.3 | 67.8 | 69.2 | 70.9 | 72.3 | 72.9 | 73.7 | 74.0 | 74.8 | 75.1 | 75.2 | 75.2 | 75.3 | 75.3 | 75.6 | 75.9 |
| ≥ 4000 | 63.6 | 69.2 | 70.7 | 72.4 | 73.9 | 74.4 | 75.2 | 75.6 | 76.3 | 76.7 | 76.8 | 76.8 | 76.9 | 76.9 | 77.1 | 77.4 |
| ≥ 3500 | 64.6 | 70.2 | 71.7 | 73.4 | 74.9 | 75.4 | 76.2 | 76.7 | 77.4 | 77.8 | 77.9 | 77.9 | 78.0 | 78.0 | 78.2 | 78.6 |
| ≥ 3000 | 66.8 | 72.9 | 74.4 | 76.2 | 77.7 | 78.2 | 79.0 | 79.4 | 80.2 | 80.6 | 80.7 | 80.7 | 80.8 | 80.8 | 81.0 | 81.3 |
| ≥ 2500 | 68.4 | 74.7 | 76.4 | 78.2 | 79.9 | 80.4 | 81.2 | 81.7 | 82.4 | 82.8 | 82.9 | 82.9 | 83.0 | 83.0 | 83.2 | 83.6 |
| ≥ 2000 | 69.9 | 76.3 | 78.3 | 80.2 | 81.9 | 82.4 | 83.2 | 83.7 | 84.4 | 84.8 | 84.9 | 84.9 | 85.0 | 85.0 | 85.2 | 85.6 |
| ≥ 1800 | 70.1 | 76.7 | 78.7 | 80.6 | 82.2 | 82.8 | 83.6 | 84.0 | 84.8 | 85.1 | 85.2 | 85.2 | 85.3 | 85.3 | 85.6 | 85.9 |
| ≥ 1500 | 70.4 | 77.2 | 79.3 | 81.3 | 83.0 | 83.6 | 84.4 | 84.9 | 85.7 | 86.0 | 86.1 | 86.1 | 86.2 | 86.2 | 86.4 | 86.8 |
| ≥ 1200 | 71.0 | 78.3 | 80.6 | 82.6 | 84.3 | 85.0 | 85.9 | 86.3 | 87.1 | 87.4 | 87.6 | 87.6 | 87.7 | 87.7 | 87.9 | 88.2 |
| ≥ 1000 | 71.7 | 79.7 | 82.2 | 84.4 | 86.3 | 87.1 | 88.0 | 88.4 | 89.2 | 89.6 | 89.7 | 89.7 | 89.8 | 89.8 | 90.0 | 90.3 |
| ≥ 900 | 71.7 | 80.0 | 82.6 | 85.0 | 87.0 | 87.8 | 88.8 | 89.2 | 90.0 | 90.3 | 90.4 | 90.4 | 90.6 | 90.6 | 90.8 | 91.1 |
| ≥ 800 | 71.8 | 80.4 | 83.0 | 85.6 | 87.6 | 88.3 | 89.4 | 89.9 | 90.7 | 91.0 | 91.1 | 91.1 | 91.2 | 91.2 | 91.4 | 91.8 |
| ≥ 700 | 71.8 | 80.9 | 83.7 | 86.2 | 88.2 | 89.2 | 90.8 | 91.2 | 92.0 | 92.3 | 92.4 | 92.4 | 92.6 | 92.6 | 92.8 | 93.1 |
| ≥ 600 | 71.8 | 81.4 | 84.3 | 86.9 | 89.3 | 90.3 | 92.4 | 93.1 | 93.9 | 94.2 | 94.3 | 94.3 | 94.6 | 94.6 | 94.8 | 95.1 |
| ≥ 500 | 71.8 | 81.8 | 84.9 | 87.6 | 90.0 | 91.0 | 93.3 | 94.1 | 95.0 | 95.4 | 95.6 | 95.6 | 95.8 | 95.8 | 96.0 | 96.3 |
| ≥ 400 | 71.8 | 81.8 | 84.9 | 87.6 | 90.0 | 91.1 | 93.8 | 94.8 | 95.7 | 96.1 | 96.3 | 96.3 | 96.6 | 96.6 | 96.8 | 97.1 |
| ≥ 300 | 71.8 | 81.8 | 84.9 | 87.6 | 90.0 | 91.1 | 93.9 | 95.0 | 96.2 | 96.9 | 97.1 | 97.1 | 97.6 | 97.6 | 98.0 | 98.3 |
| ≥ 200 | 71.8 | 81.8 | 84.9 | 87.6 | 90.0 | 91.1 | 94.9 | 95.1 | 96.3 | 97.1 | 97.3 | 97.3 | 97.8 | 97.8 | 98.6 | 99.2 |
| ≥ 100 | 71.8 | 81.8 | 84.9 | 87.6 | 90.0 | 91.1 | 94.0 | 95.2 | 96.4 | 97.2 | 97.4 | 97.4 | 98.0 | 98.6 | 99.0 | 100.0 |
| ≥ 0 | 71.8 | 81.8 | 84.9 | 87.6 | 90.0 | 91.1 | 94.0 | 95.2 | 96.4 | 97.2 | 97.4 | 97.4 | 98.0 | 98.6 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

69-74

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|---------|------|---------|---------|------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 3/8 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 53.4 | 59.1 | 58.4 | 59.0 | 59.2 | 59.2 | 59.6 | 59.6 | 59.6 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 20000 | 57.0 | 61.8 | 62.1 | 62.7 | 62.9 | 62.9 | 63.2 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 18000 | 57.0 | 61.8 | 62.1 | 62.7 | 62.9 | 62.9 | 63.2 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 16000 | 57.1 | 61.9 | 62.2 | 62.8 | 63.0 | 63.0 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 14000 | 58.1 | 63.0 | 63.3 | 63.9 | 64.1 | 64.1 | 64.4 | 64.4 | 64.4 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| ≥ 12000 | 60.3 | 65.2 | 65.6 | 66.1 | 66.3 | 66.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 10000 | 63.2 | 68.3 | 68.8 | 69.3 | 69.6 | 69.6 | 69.9 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 9000 | 63.6 | 68.7 | 69.1 | 69.7 | 69.9 | 69.9 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 8000 | 67.1 | 72.4 | 72.9 | 73.4 | 73.7 | 73.7 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 7000 | 68.0 | 73.4 | 73.9 | 74.4 | 74.7 | 74.7 | 75.0 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 6000 | 69.3 | 74.8 | 75.2 | 76.0 | 76.2 | 76.2 | 76.6 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 5000 | 70.6 | 76.1 | 76.6 | 77.3 | 77.6 | 77.6 | 77.9 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 4500 | 70.6 | 76.1 | 76.6 | 77.3 | 77.6 | 77.6 | 77.9 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 4000 | 71.2 | 76.9 | 77.3 | 78.1 | 78.3 | 78.3 | 78.7 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 3500 | 72.1 | 78.1 | 78.6 | 79.4 | 79.7 | 79.7 | 80.0 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 3000 | 73.8 | 80.0 | 80.8 | 81.9 | 82.3 | 82.3 | 82.7 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 2500 | 74.3 | 80.7 | 81.4 | 82.6 | 83.0 | 83.0 | 83.4 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 2000 | 76.1 | 82.9 | 83.7 | 84.8 | 85.4 | 85.4 | 85.9 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 1800 | 76.4 | 83.2 | 84.0 | 85.1 | 85.8 | 85.8 | 86.2 | 86.3 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 1500 | 77.7 | 84.9 | 85.9 | 87.0 | 87.9 | 87.9 | 88.3 | 88.4 | 88.4 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 1200 | 78.8 | 86.8 | 87.9 | 89.1 | 90.1 | 90.1 | 90.7 | 90.8 | 90.8 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 1000 | 79.7 | 88.2 | 90.0 | 91.2 | 92.4 | 92.4 | 92.6 | 93.1 | 93.2 | 93.2 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 900 | 80.1 | 89.7 | 91.0 | 92.3 | 93.6 | 93.6 | 93.7 | 94.2 | 94.3 | 94.3 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 800 | 80.2 | 89.6 | 91.3 | 92.7 | 93.9 | 93.9 | 94.1 | 94.7 | 94.8 | 94.8 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 700 | 80.3 | 89.9 | 92.0 | 93.4 | 94.9 | 94.9 | 95.2 | 96.0 | 96.2 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 600 | 80.3 | 89.9 | 92.1 | 93.8 | 95.3 | 95.3 | 95.8 | 96.9 | 97.1 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 500 | 80.4 | 90.1 | 92.4 | 94.1 | 95.8 | 95.8 | 96.3 | 97.6 | 98.0 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 400 | 80.4 | 90.7 | 92.6 | 94.3 | 96.0 | 96.0 | 96.7 | 97.9 | 98.6 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 300 | 80.4 | 90.2 | 92.6 | 94.3 | 96.0 | 96.0 | 96.7 | 97.9 | 98.8 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 80.4 | 90.2 | 92.6 | 94.3 | 96.0 | 96.0 | 96.7 | 97.9 | 98.8 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 80.4 | 90.2 | 92.6 | 94.3 | 96.0 | 96.0 | 96.7 | 97.9 | 98.8 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 100.0 |
| ≥ 0 | 80.4 | 90.2 | 92.6 | 94.3 | 96.0 | 96.0 | 96.7 | 97.9 | 98.8 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC

FORM 1-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

6-9-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|-------|------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING ≥ 20000 | 56.1 | 57.2 | 57.2 | 57.2 | 57.4 | 57.4 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 18000 | 60.9 | 62.6 | 62.6 | 62.6 | 62.8 | 62.8 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 16000 | 61.2 | 62.9 | 62.9 | 62.9 | 63.1 | 63.1 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 14000 | 61.6 | 63.3 | 63.3 | 63.3 | 63.6 | 63.6 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 12000 | 63.6 | 65.4 | 65.4 | 65.4 | 65.7 | 65.7 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 10000 | 66.4 | 68.4 | 68.4 | 68.4 | 68.7 | 68.7 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 9000 | 69.7 | 71.9 | 72.1 | 72.2 | 72.4 | 72.4 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 8000 | 70.7 | 72.9 | 73.1 | 73.2 | 73.4 | 73.4 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 7000 | 73.0 | 75.3 | 75.6 | 75.9 | 76.1 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 6000 | 73.9 | 76.2 | 76.6 | 76.9 | 77.1 | 77.1 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 5000 | 75.7 | 78.3 | 78.7 | 79.0 | 79.2 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 4500 | 76.6 | 79.2 | 79.6 | 79.9 | 80.1 | 80.1 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 4000 | 77.1 | 79.8 | 80.1 | 80.4 | 80.7 | 80.7 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 3500 | 78.4 | 81.2 | 81.6 | 81.9 | 82.1 | 82.1 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 3000 | 79.6 | 82.3 | 82.8 | 83.1 | 83.3 | 83.3 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 2500 | 81.9 | 85.3 | 85.8 | 86.1 | 86.3 | 86.3 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 2000 | 83.1 | 87.1 | 87.6 | 87.9 | 88.1 | 88.1 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 1800 | 85.1 | 87.9 | 90.3 | 90.7 | 90.9 | 90.9 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 1500 | 85.4 | 90.2 | 90.8 | 91.1 | 91.4 | 91.4 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 1200 | 86.7 | 92.3 | 92.9 | 93.2 | 93.6 | 93.6 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 1000 | 87.2 | 93.7 | 94.3 | 94.7 | 95.0 | 95.0 | 95.7 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 900 | 87.9 | 94.9 | 95.7 | 96.3 | 96.7 | 96.7 | 97.4 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 800 | 88.2 | 95.7 | 96.4 | 97.2 | 97.6 | 97.7 | 98.4 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 700 | 88.3 | 96.1 | 96.9 | 97.7 | 98.0 | 98.1 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 600 | 88.3 | 96.2 | 97.0 | 97.8 | 98.2 | 98.3 | 99.2 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 88.3 | 96.2 | 97.0 | 97.9 | 98.3 | 98.6 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 88.3 | 96.3 | 97.1 | 98.0 | 98.4 | 98.7 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 88.3 | 96.3 | 97.1 | 98.0 | 98.4 | 98.7 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 88.3 | 96.3 | 97.1 | 98.0 | 98.4 | 98.7 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 88.3 | 96.3 | 97.1 | 98.0 | 98.4 | 98.7 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 88.3 | 96.3 | 97.1 | 98.0 | 98.4 | 98.7 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ 0 |
| NO CEILING | 62.2 | 67.6 | 63.7 | 63.8 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 20000 | 65.8 | 67.1 | 67.2 | 67.3 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 18000 | 66.1 | 67.4 | 67.6 | 67.7 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 16000 | 66.4 | 67.8 | 67.9 | 68.0 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 14000 | 67.9 | 69.2 | 69.3 | 69.4 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 12000 | 70.0 | 71.3 | 71.4 | 71.6 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 10000 | 74.4 | 76.0 | 76.1 | 76.2 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 9000 | 75.1 | 76.7 | 76.8 | 76.9 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 8000 | 78.0 | 79.4 | 79.9 | 80.0 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 7000 | 78.8 | 80.6 | 80.7 | 80.8 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 6000 | 80.3 | 82.2 | 82.6 | 82.7 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 5000 | 81.8 | 83.8 | 84.1 | 84.2 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 4500 | 82.2 | 84.3 | 84.7 | 84.8 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 4000 | 83.3 | 85.4 | 85.8 | 85.9 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 3500 | 84.6 | 86.7 | 87.0 | 87.1 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 3000 | 86.9 | 89.4 | 89.8 | 89.9 | 90.2 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 2500 | 87.9 | 90.8 | 91.1 | 91.2 | 91.6 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 2000 | 89.2 | 92.3 | 92.7 | 92.8 | 93.2 | 93.3 | 93.6 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 1800 | 89.3 | 92.4 | 92.8 | 92.9 | 93.3 | 93.4 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 1500 | 90.3 | 94.0 | 94.6 | 94.7 | 95.1 | 95.2 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1200 | 90.4 | 94.6 | 95.1 | 95.2 | 96.1 | 96.2 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1000 | 91.1 | 95.3 | 96.0 | 96.1 | 97.0 | 97.2 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 900 | 91.7 | 95.9 | 96.6 | 96.7 | 97.7 | 97.9 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 800 | 91.7 | 96.1 | 96.8 | 96.9 | 97.9 | 98.1 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 91.8 | 96.4 | 97.2 | 97.6 | 98.6 | 98.8 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 91.8 | 96.4 | 97.2 | 97.7 | 98.7 | 98.9 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 91.8 | 96.4 | 97.3 | 97.8 | 98.8 | 99.0 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 91.8 | 96.4 | 97.3 | 97.8 | 98.8 | 99.0 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 91.8 | 96.4 | 97.3 | 97.8 | 98.8 | 99.0 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 91.8 | 96.4 | 97.3 | 97.8 | 98.8 | 99.0 | 99.6 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 91.8 | 96.4 | 97.3 | 97.8 | 98.8 | 99.0 | 99.6 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 91.8 | 96.4 | 97.3 | 97.8 | 98.8 | 99.0 | 99.6 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ 0 |
| NO CEILING | 61.3 | 64.2 | 64.6 | 64.6 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 20000 | 66.7 | 69.7 | 70.0 | 70.0 | 70.1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 18000 | 66.9 | 69.9 | 70.2 | 70.2 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 16000 | 67.0 | 70.0 | 70.3 | 70.3 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 14000 | 68.7 | 71.7 | 72.0 | 72.0 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 12000 | 70.9 | 74.1 | 74.4 | 74.4 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 10000 | 73.9 | 77.2 | 77.6 | 77.6 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 9000 | 74.9 | 78.2 | 78.6 | 78.6 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 8000 | 76.9 | 80.2 | 80.6 | 80.6 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 7000 | 77.9 | 81.2 | 81.6 | 81.6 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 6000 | 79.0 | 82.4 | 82.8 | 82.8 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 5000 | 80.6 | 84.3 | 84.7 | 84.7 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 4500 | 81.6 | 85.3 | 85.7 | 85.7 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 4000 | 82.8 | 86.6 | 86.9 | 86.9 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 3500 | 83.9 | 87.9 | 88.2 | 88.2 | 88.8 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 3000 | 85.9 | 89.9 | 90.2 | 90.3 | 91.0 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 2500 | 86.8 | 91.2 | 91.6 | 91.7 | 92.4 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 2000 | 87.1 | 91.6 | 92.2 | 92.3 | 93.1 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1800 | 87.2 | 91.8 | 92.6 | 92.7 | 93.7 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 1500 | 88.3 | 92.9 | 93.7 | 94.0 | 95.0 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1200 | 88.7 | 93.9 | 94.7 | 95.1 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1000 | 88.9 | 94.2 | 95.0 | 95.6 | 96.6 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 900 | 89.2 | 94.6 | 95.3 | 95.9 | 96.9 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 800 | 89.4 | 95.0 | 95.8 | 96.3 | 97.6 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 700 | 89.6 | 95.2 | 96.1 | 96.8 | 98.1 | 98.2 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 89.6 | 95.3 | 96.2 | 97.0 | 98.7 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 89.6 | 95.3 | 96.2 | 97.0 | 98.8 | 98.9 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 89.6 | 95.3 | 96.3 | 97.1 | 99.0 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 89.6 | 95.3 | 96.3 | 97.1 | 99.0 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 89.6 | 95.3 | 96.3 | 97.1 | 99.0 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 89.6 | 95.3 | 96.3 | 97.1 | 99.0 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 89.6 | 95.3 | 96.3 | 97.1 | 99.0 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

DEFTT AFB NE
STATION NAME

69-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

| CEILING FEET | VISIBILITY STATUTE MILES: | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|-------|------|-------|-------|--------|-------|--------|--------|-------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ 0.75 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0 |
| NO CEILING | 63.3 | 67.8 | 68.6 | 69.2 | 69.6 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 20000 | 65.8 | 70.4 | 71.2 | 71.9 | 72.2 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 18000 | 66.1 | 70.8 | 71.6 | 72.2 | 72.6 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 16000 | 66.4 | 71.1 | 71.9 | 72.6 | 72.9 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 14000 | 67.0 | 71.7 | 72.4 | 73.1 | 73.4 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 12000 | 68.2 | 72.9 | 73.7 | 74.3 | 74.7 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 10000 | 70.0 | 75.0 | 75.8 | 76.4 | 76.8 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 9000 | 70.8 | 75.9 | 76.7 | 77.3 | 77.7 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 8000 | 73.3 | 78.4 | 79.2 | 80.0 | 80.4 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 7000 | 74.4 | 79.6 | 80.3 | 81.1 | 81.6 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 6000 | 75.6 | 81.0 | 81.8 | 82.6 | 83.0 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 5000 | 76.8 | 83.0 | 83.9 | 84.8 | 85.2 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 4500 | 77.3 | 83.7 | 84.7 | 85.6 | 86.0 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 4000 | 78.0 | 84.6 | 85.7 | 86.6 | 87.0 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 3500 | 78.9 | 85.6 | 86.7 | 87.6 | 88.0 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 3000 | 80.0 | 86.7 | 88.1 | 89.0 | 89.4 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 2500 | 81.6 | 88.4 | 90.0 | 90.9 | 91.4 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 2000 | 82.6 | 89.4 | 91.0 | 91.9 | 92.4 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 1800 | 82.9 | 89.8 | 91.3 | 92.2 | 92.6 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1500 | 83.7 | 90.7 | 92.2 | 93.1 | 93.5 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1200 | 84.3 | 91.3 | 93.1 | 94.0 | 94.6 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1000 | 85.2 | 92.4 | 94.3 | 95.2 | 95.8 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 900 | 85.8 | 93.1 | 95.0 | 95.9 | 96.6 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 800 | 85.9 | 93.7 | 95.8 | 96.7 | 97.3 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 700 | 85.9 | 93.9 | 96.1 | 97.0 | 97.7 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | 86.0 | 94.0 | 96.2 | 97.1 | 97.9 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | 86.0 | 94.1 | 96.4 | 97.3 | 98.2 | 98.7 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 86.0 | 94.1 | 96.6 | 97.4 | 98.4 | 98.9 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 86.0 | 94.2 | 96.7 | 97.6 | 98.6 | 99.0 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 86.0 | 94.2 | 96.7 | 97.6 | 98.6 | 99.0 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 86.0 | 94.2 | 96.7 | 97.6 | 98.6 | 99.0 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 86.0 | 94.2 | 96.7 | 97.6 | 98.6 | 99.0 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 11 51

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|------|------|------|------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .2 | ≥ .1 | ≥ .05 | ≥ .03 | ≥ 0 |
| NO CEILING | 57.7 | 61.1 | 61.6 | 62.2 | 62.9 | 63.1 | 63.4 | 63.5 | 63.6 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.9 |
| ≥ 20000 | 60.8 | 64.4 | 64.9 | 65.5 | 66.2 | 66.4 | 66.7 | 66.8 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.1 | 67.2 |
| ≥ 18000 | 61.1 | 64.6 | 65.1 | 65.7 | 66.5 | 66.6 | 66.9 | 67.0 | 67.1 | 67.2 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.5 |
| ≥ 16000 | 61.4 | 64.9 | 65.5 | 66.1 | 66.8 | 67.0 | 67.3 | 67.3 | 67.4 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.8 |
| ≥ 14000 | 62.7 | 66.3 | 66.8 | 67.4 | 68.1 | 68.3 | 68.6 | 68.7 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 69.0 | 69.0 | 69.1 |
| ≥ 12000 | 64.6 | 68.2 | 68.8 | 69.4 | 70.1 | 70.3 | 70.6 | 70.7 | 70.8 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 71.0 | 71.1 |
| ≥ 10000 | 67.4 | 71.3 | 72.0 | 72.6 | 73.3 | 73.5 | 73.8 | 73.9 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.3 |
| ≥ 9000 | 68.0 | 71.9 | 72.6 | 73.2 | 74.0 | 74.1 | 74.4 | 74.5 | 74.6 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 75.0 |
| ≥ 8000 | 70.4 | 74.5 | 75.1 | 75.8 | 76.6 | 76.7 | 77.0 | 77.1 | 77.2 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.6 |
| ≥ 7000 | 71.4 | 75.4 | 76.1 | 76.8 | 77.6 | 77.7 | 78.0 | 78.1 | 78.2 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.6 |
| ≥ 6000 | 72.7 | 76.9 | 77.6 | 78.3 | 79.1 | 79.3 | 79.6 | 79.7 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.1 |
| ≥ 5000 | 74.2 | 78.6 | 79.3 | 80.1 | 80.8 | 81.0 | 81.3 | 81.4 | 81.5 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.8 | 81.9 |
| ≥ 4500 | 74.6 | 79.1 | 79.9 | 80.6 | 81.4 | 81.6 | 81.9 | 82.0 | 82.1 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.5 |
| ≥ 4000 | 75.5 | 80.2 | 81.0 | 81.7 | 82.5 | 82.7 | 83.0 | 83.1 | 83.2 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.6 |
| ≥ 3500 | 76.4 | 81.2 | 82.0 | 82.8 | 83.6 | 83.8 | 84.1 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.7 |
| ≥ 3000 | 78.2 | 83.2 | 84.1 | 85.0 | 85.8 | 86.0 | 86.4 | 86.5 | 86.6 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.9 |
| ≥ 2500 | 79.3 | 84.7 | 85.6 | 86.5 | 87.4 | 87.6 | 88.0 | 88.1 | 88.2 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.6 |
| ≥ 2000 | 80.6 | 86.2 | 87.3 | 88.1 | 89.1 | 89.3 | 89.7 | 89.7 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.3 |
| ≥ 1800 | 80.8 | 86.4 | 87.5 | 88.4 | 89.4 | 89.6 | 90.0 | 90.1 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.5 | 90.6 |
| ≥ 1500 | 81.6 | 87.6 | 88.8 | 89.7 | 90.7 | 90.9 | 91.4 | 91.5 | 91.6 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 92.0 |
| ≥ 1200 | 82.1 | 88.6 | 89.9 | 90.9 | 92.0 | 92.3 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.4 |
| ≥ 1000 | 82.8 | 89.6 | 91.1 | 92.3 | 93.5 | 93.8 | 94.3 | 94.5 | 94.6 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 95.0 |
| ≥ 900 | 83.2 | 90.3 | 91.7 | 92.9 | 94.2 | 94.5 | 95.0 | 95.3 | 95.4 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.8 |
| ≥ 800 | 83.3 | 90.7 | 92.2 | 93.4 | 94.8 | 95.1 | 95.6 | 95.9 | 96.1 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.5 |
| ≥ 700 | 83.4 | 91.0 | 92.7 | 94.0 | 95.3 | 95.7 | 96.4 | 96.7 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.3 |
| ≥ 600 | 83.4 | 91.1 | 92.9 | 94.3 | 95.8 | 96.2 | 97.0 | 97.3 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.0 |
| ≥ 500 | 83.5 | 91.3 | 93.2 | 94.6 | 96.2 | 96.6 | 97.5 | 97.9 | 98.2 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.7 |
| ≥ 400 | 83.5 | 91.3 | 93.2 | 94.7 | 96.4 | 96.8 | 97.8 | 98.3 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.2 |
| ≥ 300 | 83.5 | 91.3 | 93.2 | 94.7 | 96.4 | 96.9 | 97.8 | 98.5 | 98.9 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 |
| ≥ 200 | 83.5 | 91.3 | 93.2 | 94.7 | 96.4 | 96.9 | 97.9 | 98.6 | 99.0 | 99.1 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 |
| ≥ 100 | 83.5 | 91.3 | 93.2 | 94.7 | 96.4 | 96.9 | 97.9 | 98.6 | 99.0 | 99.2 | 99.3 | 99.4 | 99.5 | 99.6 | 99.8 | 100.0 |
| ≥ 0 | 83.5 | 91.3 | 93.2 | 94.7 | 96.4 | 96.9 | 97.9 | 98.6 | 99.0 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

69-70

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0230
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|--------|------|-------|------|-------|-------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 63.1 | 64.8 | 65.3 | 65.8 | 66.1 | 66.2 | 66.6 | 66.9 | 66.9 | 67.1 | 67.4 | 67.4 | 67.6 | 67.6 | 67.7 | 68.5 |
| ≥ 20000 | 65.5 | 67.3 | 67.7 | 68.3 | 68.6 | 68.7 | 69.0 | 69.4 | 69.4 | 69.6 | 69.9 | 69.9 | 70.1 | 70.1 | 70.2 | 71.0 |
| ≥ 18000 | 65.6 | 67.4 | 67.8 | 68.4 | 68.7 | 68.8 | 69.1 | 69.5 | 69.5 | 69.7 | 70.0 | 70.0 | 70.2 | 70.2 | 70.3 | 71.1 |
| ≥ 16000 | 65.8 | 67.6 | 68.1 | 68.6 | 68.9 | 69.0 | 69.4 | 69.7 | 69.7 | 69.9 | 70.2 | 70.2 | 70.4 | 70.4 | 70.5 | 71.3 |
| ≥ 14000 | 66.2 | 68.1 | 68.5 | 69.0 | 69.4 | 69.5 | 69.8 | 70.1 | 70.1 | 70.3 | 70.6 | 70.6 | 70.9 | 70.9 | 71.0 | 71.7 |
| ≥ 12000 | 67.5 | 69.4 | 69.8 | 70.3 | 70.6 | 70.8 | 71.1 | 71.4 | 71.4 | 71.6 | 71.9 | 71.9 | 72.2 | 72.2 | 72.3 | 73.0 |
| ≥ 10000 | 69.1 | 71.4 | 71.8 | 72.6 | 72.9 | 73.0 | 73.3 | 73.7 | 73.7 | 73.9 | 74.2 | 74.2 | 74.4 | 74.4 | 74.5 | 75.3 |
| ≥ 9000 | 69.5 | 71.7 | 72.2 | 72.9 | 73.2 | 73.3 | 73.7 | 74.0 | 74.0 | 74.2 | 74.5 | 74.5 | 74.7 | 74.7 | 74.8 | 75.6 |
| ≥ 8000 | 71.0 | 73.2 | 73.7 | 74.4 | 74.7 | 74.8 | 75.2 | 75.5 | 75.5 | 75.7 | 76.0 | 76.0 | 76.2 | 76.2 | 76.3 | 77.1 |
| ≥ 7000 | 72.5 | 74.8 | 75.3 | 76.0 | 76.3 | 76.5 | 76.8 | 77.1 | 77.1 | 77.3 | 77.6 | 77.6 | 77.8 | 77.8 | 78.0 | 78.7 |
| ≥ 6000 | 73.9 | 76.2 | 76.7 | 77.4 | 77.7 | 77.8 | 78.2 | 78.5 | 78.5 | 78.7 | 79.0 | 79.0 | 79.2 | 79.2 | 79.4 | 80.1 |
| ≥ 5000 | 75.5 | 77.8 | 78.3 | 79.0 | 79.4 | 79.5 | 79.8 | 80.1 | 80.1 | 80.3 | 80.6 | 80.6 | 80.9 | 80.9 | 81.0 | 81.7 |
| ≥ 4500 | 76.1 | 78.4 | 79.5 | 80.2 | 80.5 | 80.6 | 81.0 | 81.3 | 81.3 | 81.5 | 81.8 | 81.8 | 82.0 | 82.0 | 82.2 | 82.9 |
| ≥ 4000 | 77.1 | 79.4 | 80.4 | 81.2 | 81.5 | 81.6 | 81.9 | 82.3 | 82.3 | 82.7 | 83.0 | 83.0 | 83.2 | 83.2 | 83.3 | 84.1 |
| ≥ 3500 | 77.7 | 80.5 | 81.2 | 81.9 | 82.3 | 82.4 | 82.7 | 83.0 | 83.0 | 83.4 | 83.8 | 83.8 | 84.0 | 84.0 | 84.1 | 84.8 |
| ≥ 3000 | 78.5 | 81.5 | 82.2 | 82.9 | 83.3 | 83.4 | 83.9 | 84.2 | 84.2 | 84.6 | 84.9 | 84.9 | 85.2 | 85.2 | 85.3 | 86.0 |
| ≥ 2500 | 79.2 | 82.6 | 83.2 | 84.0 | 84.4 | 84.5 | 84.9 | 85.3 | 85.3 | 85.7 | 86.0 | 86.0 | 86.2 | 86.2 | 86.3 | 87.1 |
| ≥ 2000 | 79.9 | 83.2 | 84.0 | 84.7 | 85.2 | 85.3 | 85.7 | 86.0 | 86.0 | 86.5 | 86.8 | 86.8 | 87.0 | 87.0 | 87.1 | 87.8 |
| ≥ 1800 | 80.2 | 83.5 | 84.3 | 85.3 | 85.7 | 85.8 | 86.2 | 86.6 | 86.6 | 87.0 | 87.3 | 87.3 | 87.5 | 87.5 | 87.6 | 88.4 |
| ≥ 1500 | 80.4 | 83.8 | 84.6 | 85.6 | 86.1 | 86.2 | 86.6 | 87.1 | 87.1 | 87.5 | 87.8 | 87.8 | 88.1 | 88.1 | 88.2 | 88.9 |
| ≥ 1200 | 81.0 | 84.6 | 85.7 | 87.2 | 87.8 | 88.0 | 88.6 | 88.9 | 88.9 | 89.4 | 89.7 | 89.7 | 89.9 | 89.9 | 90.0 | 90.8 |
| ≥ 1000 | 81.4 | 85.6 | 87.0 | 88.7 | 89.5 | 89.6 | 90.2 | 90.5 | 90.5 | 91.0 | 91.3 | 91.3 | 91.5 | 91.5 | 91.6 | 92.4 |
| ≥ 900 | 81.4 | 86.0 | 87.5 | 89.4 | 90.4 | 90.5 | 91.2 | 91.5 | 91.5 | 91.9 | 92.3 | 92.3 | 92.5 | 92.5 | 92.6 | 93.3 |
| ≥ 800 | 81.4 | 86.7 | 88.5 | 90.3 | 91.5 | 91.6 | 92.3 | 92.6 | 92.6 | 93.0 | 93.3 | 93.3 | 93.5 | 93.5 | 93.7 | 94.4 |
| ≥ 700 | 81.4 | 86.9 | 88.7 | 90.5 | 91.8 | 91.9 | 92.6 | 93.0 | 93.0 | 93.4 | 93.8 | 93.8 | 94.0 | 94.0 | 94.1 | 94.8 |
| ≥ 600 | 81.4 | 87.1 | 89.1 | 91.2 | 92.6 | 92.7 | 93.4 | 93.9 | 93.9 | 94.4 | 94.7 | 94.7 | 94.9 | 94.9 | 95.1 | 95.8 |
| ≥ 500 | 81.4 | 87.2 | 89.4 | 91.4 | 93.0 | 93.3 | 94.1 | 95.1 | 95.3 | 95.9 | 96.2 | 96.2 | 96.5 | 96.5 | 96.6 | 97.3 |
| ≥ 400 | 81.4 | 87.3 | 89.5 | 91.7 | 93.5 | 93.9 | 94.7 | 96.0 | 96.5 | 97.3 | 97.6 | 97.6 | 97.8 | 97.8 | 98.0 | 98.7 |
| ≥ 300 | 81.4 | 87.3 | 89.5 | 91.7 | 93.5 | 93.9 | 94.7 | 96.1 | 96.7 | 97.5 | 98.0 | 98.0 | 98.2 | 98.2 | 98.3 | 99.0 |
| ≥ 200 | 81.4 | 87.3 | 89.5 | 91.7 | 93.5 | 93.9 | 94.7 | 96.1 | 96.7 | 97.7 | 98.2 | 98.2 | 98.4 | 98.4 | 98.5 | 99.4 |
| ≥ 100 | 81.4 | 87.3 | 89.5 | 91.7 | 93.5 | 93.9 | 94.8 | 96.5 | 97.0 | 98.1 | 98.5 | 98.5 | 98.8 | 98.8 | 98.9 | 99.8 |
| ≥ 0 | 81.4 | 87.3 | 89.5 | 91.7 | 93.5 | 93.9 | 94.8 | 96.5 | 97.0 | 98.1 | 98.5 | 98.5 | 98.8 | 98.8 | 98.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|------------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥0 |
| NO. CEILING ≥ 20000 | 60.0 | 62.6 | 63.1 | 64.0 | 64.1 | 64.3 | 64.7 | 65.1 | 65.2 | 65.2 | 65.4 | 65.4 | 65.9 | 66.0 | 66.1 | 67.1 |
| IV 18000 | 61.3 | 63.9 | 64.7 | 65.6 | 65.7 | 65.9 | 66.3 | 66.7 | 66.8 | 66.8 | 67.0 | 67.0 | 67.5 | 67.6 | 67.7 | 68.7 |
| IV 16000 | 61.6 | 64.7 | 65.1 | 65.9 | 66.0 | 66.2 | 66.7 | 67.0 | 67.1 | 67.1 | 67.3 | 67.3 | 67.8 | 68.0 | 68.1 | 69.0 |
| IV 14000 | 61.7 | 64.3 | 65.2 | 66.0 | 66.1 | 66.3 | 66.8 | 67.1 | 67.2 | 67.2 | 67.4 | 67.4 | 68.0 | 68.1 | 68.2 | 69.1 |
| IV 12000 | 61.8 | 64.4 | 65.3 | 66.1 | 66.2 | 66.5 | 66.9 | 67.2 | 67.3 | 67.3 | 67.5 | 67.5 | 68.1 | 68.2 | 68.3 | 69.2 |
| IV 10000 | 62.3 | 64.8 | 65.8 | 66.7 | 66.8 | 67.0 | 67.4 | 67.7 | 67.8 | 67.8 | 68.1 | 68.1 | 68.6 | 68.7 | 68.8 | 69.8 |
| IV 9000 | 63.5 | 66.7 | 67.2 | 68.3 | 68.4 | 68.6 | 69.0 | 69.4 | 69.5 | 69.5 | 69.7 | 69.7 | 70.2 | 70.3 | 70.4 | 71.4 |
| IV 8000 | 63.6 | 66.5 | 67.4 | 68.5 | 68.6 | 68.8 | 69.2 | 69.6 | 69.7 | 69.7 | 69.9 | 69.9 | 70.4 | 70.5 | 70.6 | 71.6 |
| IV 7000 | 65.2 | 68.7 | 69.1 | 70.2 | 70.3 | 70.5 | 71.0 | 71.3 | 71.4 | 71.4 | 71.6 | 71.6 | 72.2 | 72.3 | 72.4 | 73.3 |
| IV 6000 | 66.7 | 69.8 | 70.8 | 71.8 | 71.9 | 72.2 | 72.6 | 72.9 | 73.0 | 73.0 | 73.2 | 73.2 | 73.8 | 73.9 | 74.0 | 74.9 |
| IV 5000 | 68.0 | 71.4 | 72.4 | 73.4 | 73.5 | 73.9 | 74.3 | 74.6 | 74.7 | 74.7 | 74.9 | 74.9 | 75.5 | 75.6 | 75.7 | 76.7 |
| IV 4500 | 69.2 | 72.9 | 73.9 | 74.9 | 75.1 | 75.5 | 75.9 | 76.2 | 76.3 | 76.3 | 76.6 | 76.6 | 77.1 | 77.2 | 77.3 | 78.3 |
| IV 4000 | 69.8 | 73.9 | 75.1 | 76.1 | 76.2 | 76.7 | 77.1 | 77.4 | 77.5 | 77.7 | 77.7 | 77.7 | 78.3 | 78.4 | 78.5 | 79.5 |
| IV 3500 | 71.2 | 75.7 | 76.9 | 78.1 | 78.2 | 78.8 | 79.2 | 79.6 | 79.7 | 79.7 | 79.9 | 79.9 | 80.4 | 80.5 | 80.6 | 81.6 |
| IV 3000 | 71.9 | 76.5 | 77.7 | 79.0 | 79.1 | 79.8 | 80.2 | 80.5 | 80.6 | 80.6 | 80.9 | 80.9 | 81.4 | 81.5 | 81.6 | 82.6 |
| IV 2500 | 73.8 | 78.5 | 79.8 | 81.1 | 81.2 | 81.8 | 82.3 | 82.6 | 82.7 | 82.7 | 82.9 | 82.9 | 83.4 | 83.5 | 83.7 | 84.6 |
| IV 2000 | 74.4 | 79.4 | 80.8 | 82.2 | 82.3 | 82.9 | 83.3 | 83.7 | 83.8 | 83.8 | 84.0 | 84.0 | 84.5 | 84.6 | 84.7 | 85.7 |
| IV 1800 | 75.6 | 80.6 | 82.2 | 83.5 | 83.7 | 84.3 | 84.7 | 85.2 | 85.3 | 85.3 | 85.5 | 85.5 | 86.0 | 86.1 | 86.2 | 87.2 |
| IV 1500 | 76.1 | 81.2 | 82.7 | 84.1 | 84.2 | 84.8 | 85.4 | 85.8 | 85.9 | 85.9 | 86.1 | 86.1 | 86.7 | 86.8 | 86.9 | 87.8 |
| IV 1200 | 76.7 | 82.2 | 83.7 | 85.1 | 85.2 | 85.8 | 86.3 | 86.8 | 86.9 | 86.9 | 87.1 | 87.1 | 87.6 | 87.7 | 87.8 | 88.8 |
| IV 1000 | 77.2 | 82.8 | 84.3 | 85.8 | 85.9 | 86.6 | 87.1 | 87.5 | 87.6 | 87.6 | 87.8 | 87.8 | 88.4 | 88.5 | 88.6 | 89.6 |
| IV 900 | 77.7 | 83.9 | 85.4 | 87.5 | 87.8 | 88.5 | 89.6 | 90.0 | 90.1 | 90.1 | 90.3 | 90.3 | 90.9 | 91.0 | 91.1 | 92.0 |
| IV 800 | 77.8 | 84.1 | 85.7 | 88.0 | 88.4 | 89.0 | 90.1 | 90.5 | 90.6 | 90.6 | 90.9 | 90.9 | 91.4 | 91.5 | 91.6 | 92.6 |
| IV 700 | 78.0 | 84.4 | 86.0 | 88.6 | 89.0 | 89.8 | 90.9 | 91.4 | 91.5 | 91.5 | 91.7 | 91.7 | 92.3 | 92.4 | 92.5 | 93.4 |
| IV 600 | 78.0 | 84.4 | 86.2 | 88.9 | 89.4 | 90.2 | 91.4 | 91.9 | 92.0 | 92.5 | 92.7 | 92.7 | 93.2 | 93.3 | 93.4 | 94.4 |
| IV 500 | 78.0 | 84.6 | 86.7 | 89.6 | 90.1 | 91.0 | 92.4 | 93.1 | 93.2 | 93.8 | 94.0 | 94.0 | 94.5 | 94.6 | 94.7 | 95.7 |
| IV 400 | 78.0 | 84.7 | 86.8 | 90.1 | 91.0 | 91.8 | 93.4 | 94.4 | 94.6 | 95.2 | 95.4 | 95.4 | 95.9 | 96.0 | 96.1 | 97.1 |
| IV 300 | 78.0 | 84.7 | 86.8 | 90.4 | 91.3 | 92.3 | 94.0 | 94.9 | 95.3 | 95.8 | 96.1 | 96.1 | 96.7 | 96.8 | 96.9 | 97.8 |
| IV 200 | 78.0 | 84.7 | 86.8 | 90.4 | 91.3 | 92.3 | 94.2 | 95.2 | 95.7 | 96.3 | 97.0 | 97.0 | 97.5 | 97.6 | 97.8 | 98.8 |
| IV 100 | 78.0 | 84.7 | 86.8 | 90.4 | 91.4 | 92.5 | 94.5 | 95.6 | 96.2 | 97.0 | 97.7 | 97.7 | 98.2 | 98.3 | 98.5 | 99.5 |
| IV 0 | 78.0 | 84.7 | 86.8 | 90.4 | 91.4 | 92.5 | 94.5 | 95.6 | 96.2 | 97.0 | 97.7 | 97.7 | 98.4 | 98.5 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM 1-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14943

OFFUTT AFB NE

69-78

JCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥.4 |
| NO CEILING | 52.7 | 55.2 | 55.4 | 55.7 | 56.5 | 56.9 | 57.4 | 57.5 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 58.1 | 58.1 | 58.3 |
| ≥ 20000 | 56.2 | 58.8 | 59.4 | 59.7 | 60.4 | 60.9 | 61.4 | 61.5 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 62.2 | 62.2 | 62.4 |
| ≥ 18000 | 56.3 | 58.9 | 59.5 | 59.8 | 60.5 | 61.0 | 61.5 | 61.6 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 62.3 | 62.3 | 62.5 |
| ≥ 16000 | 56.6 | 59.1 | 59.7 | 60.0 | 60.8 | 61.2 | 61.7 | 61.8 | 62.0 | 62.2 | 62.2 | 62.2 | 62.2 | 62.5 | 62.5 | 62.7 |
| ≥ 14000 | 56.9 | 59.7 | 60.4 | 60.8 | 61.5 | 61.9 | 62.5 | 62.6 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 63.2 | 63.2 | 63.4 |
| ≥ 12000 | 58.4 | 61.3 | 62.2 | 62.5 | 63.2 | 63.7 | 64.2 | 64.3 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.9 | 64.9 | 65.2 |
| ≥ 10000 | 60.4 | 63.5 | 64.5 | 64.8 | 65.6 | 66.0 | 66.6 | 66.7 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.3 | 67.3 | 67.5 |
| ≥ 9000 | 60.4 | 62.5 | 64.5 | 64.8 | 65.6 | 66.0 | 66.6 | 66.7 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.3 | 67.3 | 67.5 |
| ≥ 8000 | 61.6 | 64.8 | 65.8 | 66.1 | 67.0 | 67.4 | 68.1 | 68.2 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.8 | 68.8 | 69.0 |
| ≥ 7000 | 62.5 | 65.8 | 66.8 | 67.1 | 68.0 | 68.4 | 69.2 | 69.5 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 70.1 | 70.1 | 70.3 |
| ≥ 6000 | 63.8 | 67.2 | 68.4 | 68.7 | 69.6 | 70.0 | 70.9 | 71.1 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.7 | 71.7 | 71.9 |
| ≥ 5000 | 64.8 | 68.5 | 69.7 | 70.0 | 70.9 | 71.4 | 72.3 | 72.5 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 73.1 | 73.1 | 73.3 |
| ≥ 4500 | 65.8 | 69.6 | 70.9 | 71.2 | 72.0 | 72.6 | 73.4 | 73.7 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.3 | 74.3 | 74.5 |
| ≥ 4000 | 66.3 | 70.2 | 71.6 | 72.0 | 72.9 | 73.4 | 74.3 | 74.5 | 74.7 | 74.9 | 74.9 | 74.9 | 74.9 | 75.3 | 75.3 | 75.5 |
| ≥ 3500 | 67.0 | 70.9 | 72.3 | 72.7 | 73.5 | 74.1 | 74.9 | 75.2 | 75.4 | 75.6 | 75.6 | 75.6 | 75.6 | 75.9 | 75.9 | 76.1 |
| ≥ 3000 | 68.9 | 73.0 | 74.5 | 75.2 | 76.0 | 76.7 | 77.6 | 77.8 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 | 78.6 | 78.6 | 78.8 |
| ≥ 2500 | 70.2 | 74.8 | 76.3 | 77.3 | 78.2 | 78.8 | 79.8 | 80.0 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.8 | 80.8 | 81.0 |
| ≥ 2000 | 71.2 | 75.9 | 77.4 | 78.4 | 79.2 | 79.9 | 81.0 | 81.2 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.9 | 81.9 | 82.3 |
| ≥ 1800 | 71.4 | 76.2 | 77.7 | 78.8 | 79.7 | 80.3 | 81.4 | 81.6 | 81.8 | 82.0 | 82.0 | 82.0 | 82.0 | 82.4 | 82.4 | 82.7 |
| ≥ 1500 | 73.1 | 78.2 | 79.9 | 81.0 | 82.0 | 82.7 | 83.8 | 84.0 | 84.2 | 84.4 | 84.4 | 84.4 | 84.4 | 84.7 | 84.7 | 85.1 |
| ≥ 1200 | 74.3 | 79.5 | 81.2 | 82.4 | 83.5 | 84.2 | 85.3 | 85.5 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 86.2 | 86.2 | 86.6 |
| ≥ 1000 | 74.6 | 80.8 | 82.7 | 84.2 | 85.7 | 86.7 | 88.0 | 88.2 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.9 | 88.9 | 89.2 |
| ≥ 900 | 74.9 | 81.5 | 83.5 | 85.3 | 86.9 | 88.0 | 89.2 | 89.5 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 90.2 | 90.2 | 90.5 |
| ≥ 800 | 75.2 | 82.5 | 84.6 | 86.6 | 88.2 | 89.2 | 90.5 | 91.0 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.7 | 91.7 | 92.0 |
| ≥ 700 | 75.3 | 82.8 | 84.9 | 87.1 | 88.9 | 90.0 | 91.3 | 91.7 | 91.9 | 92.2 | 92.5 | 92.5 | 92.5 | 92.8 | 92.8 | 93.1 |
| ≥ 600 | 75.6 | 83.2 | 85.4 | 87.6 | 89.7 | 91.2 | 92.7 | 93.1 | 93.3 | 93.5 | 93.9 | 93.9 | 93.9 | 94.4 | 94.4 | 94.7 |
| ≥ 500 | 75.7 | 83.3 | 85.6 | 87.8 | 89.9 | 91.4 | 93.0 | 93.8 | 94.0 | 94.2 | 94.5 | 94.5 | 94.5 | 95.1 | 95.1 | 95.4 |
| ≥ 400 | 75.7 | 83.3 | 85.6 | 87.8 | 90.0 | 91.5 | 93.3 | 94.3 | 94.5 | 94.7 | 95.2 | 95.2 | 95.2 | 95.7 | 95.7 | 96.0 |
| ≥ 300 | 75.7 | 83.3 | 85.6 | 87.8 | 90.0 | 91.5 | 93.3 | 94.3 | 94.6 | 95.2 | 95.8 | 95.8 | 95.8 | 96.7 | 96.7 | 97.0 |
| ≥ 200 | 75.7 | 83.3 | 85.6 | 87.8 | 90.0 | 91.5 | 93.4 | 94.4 | 94.7 | 95.4 | 96.0 | 96.0 | 96.0 | 96.9 | 96.9 | 97.4 |
| ≥ 100 | 75.7 | 83.3 | 85.6 | 87.8 | 90.0 | 91.5 | 93.4 | 94.4 | 94.7 | 95.4 | 96.1 | 96.1 | 96.1 | 97.0 | 97.1 | 97.6 |
| ≥ 0 | 75.7 | 83.3 | 85.6 | 87.8 | 90.0 | 91.5 | 93.4 | 94.4 | 94.7 | 95.4 | 96.1 | 96.1 | 96.1 | 97.1 | 97.2 | 97.7 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES. | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.7 | ≥ 2 | ≥ 1.7 | ≥ 1.4 | ≥ 1 | ≥ .7 | ≥ .5 | ≥ .3 | ≤ 5 16 | ≥ . | ≥ 0 |
| NO CEILING | 52.3 | 54.8 | 55.3 | 55.3 | 55.4 | 55.5 | 55.6 | 55.7 | 55.7 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 56.0 |
| ≥ 20000 | 57.7 | 60.6 | 61.1 | 61.3 | 61.5 | 61.6 | 61.8 | 62.0 | 62.0 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.4 |
| ≥ 18000 | 58.0 | 61.0 | 61.4 | 61.6 | 61.8 | 61.9 | 62.2 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.7 |
| ≥ 16000 | 58.1 | 61.1 | 61.5 | 61.7 | 61.9 | 62.0 | 62.3 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.8 |
| ≥ 14000 | 58.8 | 62.2 | 62.6 | 62.8 | 63.0 | 63.1 | 63.3 | 63.5 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.9 |
| ≥ 12000 | 60.8 | 64.4 | 64.9 | 65.2 | 65.4 | 65.5 | 65.7 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.2 |
| ≥ 10000 | 62.9 | 66.7 | 67.2 | 67.4 | 67.6 | 67.7 | 68.0 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.5 |
| ≥ 9000 | 63.2 | 67.2 | 67.7 | 68.0 | 68.2 | 68.3 | 68.5 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 69.0 |
| ≥ 8000 | 65.3 | 69.4 | 70.0 | 70.2 | 70.4 | 70.5 | 70.8 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.3 |
| ≥ 7000 | 66.2 | 70.5 | 71.2 | 71.5 | 71.7 | 71.8 | 72.0 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.6 |
| ≥ 6000 | 67.1 | 71.7 | 72.4 | 72.8 | 73.0 | 73.1 | 73.3 | 73.5 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.9 |
| ≥ 5000 | 67.7 | 72.4 | 73.1 | 73.5 | 73.8 | 73.9 | 74.1 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.7 |
| ≥ 4500 | 68.6 | 73.4 | 74.2 | 74.6 | 74.8 | 74.9 | 75.2 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.8 |
| ≥ 4000 | 70.2 | 75.1 | 75.8 | 76.2 | 76.5 | 76.6 | 76.8 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.4 |
| ≥ 3500 | 70.5 | 75.6 | 76.3 | 76.8 | 77.0 | 77.1 | 77.3 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 78.0 |
| ≥ 3000 | 72.5 | 77.6 | 78.6 | 79.0 | 79.2 | 79.4 | 79.7 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.3 |
| ≥ 2500 | 73.4 | 78.8 | 79.8 | 80.2 | 80.8 | 81.0 | 81.3 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.9 |
| ≥ 2000 | 75.3 | 81.0 | 82.0 | 82.5 | 83.1 | 83.3 | 83.7 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.3 |
| ≥ 1800 | 76.1 | 81.8 | 82.9 | 83.4 | 84.1 | 84.3 | 84.6 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.3 |
| ≥ 1500 | 76.8 | 82.9 | 84.0 | 84.5 | 85.2 | 85.4 | 85.7 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.3 |
| ≥ 1200 | 77.7 | 84.2 | 85.3 | 86.0 | 86.7 | 86.9 | 87.3 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 88.0 |
| ≥ 1000 | 78.8 | 85.3 | 86.9 | 87.6 | 88.7 | 89.1 | 90.0 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.9 |
| ≥ 900 | 79.0 | 85.8 | 87.4 | 88.3 | 89.5 | 89.9 | 90.9 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.8 |
| ≥ 800 | 79.6 | 86.6 | 88.2 | 89.4 | 90.5 | 91.1 | 92.2 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.2 |
| ≥ 700 | 79.9 | 87.2 | 88.8 | 90.1 | 91.5 | 92.0 | 93.3 | 94.1 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.6 |
| ≥ 600 | 80.0 | 87.4 | 89.1 | 90.5 | 92.2 | 92.8 | 94.4 | 95.2 | 95.2 | 95.6 | 95.7 | 95.7 | 95.7 | 95.9 | 95.9 | 96.1 |
| ≥ 500 | 80.0 | 87.6 | 89.5 | 91.0 | 93.0 | 93.7 | 95.5 | 96.6 | 96.7 | 97.2 | 97.5 | 97.5 | 97.7 | 97.7 | 97.8 | 98.1 |
| ≥ 400 | 80.0 | 87.6 | 89.5 | 91.0 | 93.1 | 93.8 | 95.7 | 97.2 | 97.3 | 98.0 | 98.6 | 98.7 | 98.9 | 99.0 | 99.0 | 99.2 |
| ≥ 300 | 80.0 | 87.6 | 89.5 | 91.0 | 93.1 | 93.8 | 95.7 | 97.3 | 97.5 | 98.2 | 98.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.7 |
| ≥ 200 | 80.0 | 87.6 | 89.5 | 91.0 | 93.1 | 93.8 | 95.7 | 97.3 | 97.5 | 98.2 | 98.8 | 98.9 | 99.5 | 99.6 | 99.6 | 99.9 |
| ≥ 100 | 80.0 | 87.6 | 89.5 | 91.0 | 93.1 | 93.8 | 95.7 | 97.3 | 97.5 | 98.2 | 98.8 | 98.9 | 99.5 | 99.6 | 99.6 | 99.9 |
| ≥ 0 | 80.0 | 87.6 | 89.5 | 91.0 | 93.1 | 93.8 | 95.7 | 97.3 | 97.5 | 98.2 | 98.8 | 98.9 | 99.6 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

09-78
YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|-------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .9 | ≥ .8 | ≥ .75 | ≥ .7 | ≥ .6 | ≥ 0 |
| NO CEILING | 55.3 | 56.5 | 56.6 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| ≥ 20000 | 60.5 | 61.9 | 62.0 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 18000 | 60.8 | 62.2 | 62.3 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 16000 | 60.8 | 62.4 | 62.5 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 14000 | 61.2 | 63.1 | 63.2 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 12000 | 63.2 | 65.4 | 65.5 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 10000 | 66.6 | 68.8 | 68.9 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 9000 | 67.0 | 69.4 | 69.5 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 8000 | 68.6 | 71.0 | 71.1 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 7000 | 69.4 | 71.8 | 71.9 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 6000 | 70.3 | 73.0 | 73.1 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 5000 | 71.6 | 74.3 | 74.4 | 74.5 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 4500 | 71.9 | 74.6 | 74.7 | 74.8 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 4000 | 73.4 | 76.5 | 76.6 | 76.9 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 3500 | 75.2 | 78.2 | 78.3 | 78.6 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 3000 | 77.3 | 80.9 | 81.0 | 81.4 | 81.6 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 2500 | 79.2 | 83.1 | 83.2 | 83.8 | 84.1 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 2000 | 81.7 | 86.5 | 86.6 | 87.1 | 87.5 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 1800 | 81.9 | 86.7 | 86.8 | 87.3 | 87.7 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 1500 | 82.4 | 87.5 | 87.7 | 88.3 | 88.7 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 1200 | 82.9 | 88.8 | 89.0 | 89.7 | 90.1 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 1000 | 83.4 | 90.1 | 90.4 | 91.2 | 91.6 | 92.4 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 900 | 83.5 | 90.4 | 90.8 | 91.5 | 91.9 | 92.7 | 93.1 | 93.1 | 93.1 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 800 | 83.9 | 91.2 | 91.5 | 92.3 | 92.8 | 93.8 | 94.2 | 94.4 | 94.4 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 700 | 84.0 | 91.3 | 91.7 | 92.5 | 93.2 | 94.2 | 94.9 | 95.2 | 95.2 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 600 | 84.3 | 92.0 | 92.5 | 93.3 | 94.3 | 95.3 | 96.1 | 96.8 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 500 | 84.3 | 92.3 | 92.9 | 93.8 | 94.8 | 95.9 | 97.0 | 98.0 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 400 | 84.3 | 92.3 | 93.0 | 93.9 | 95.2 | 96.3 | 97.4 | 98.8 | 99.2 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 84.3 | 92.3 | 93.0 | 93.9 | 95.2 | 96.3 | 97.4 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 84.3 | 92.3 | 93.0 | 93.9 | 95.2 | 96.3 | 97.4 | 98.9 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 84.3 | 92.3 | 93.0 | 93.9 | 95.2 | 96.3 | 97.4 | 98.9 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 84.3 | 92.3 | 93.0 | 93.9 | 95.2 | 96.3 | 97.4 | 98.9 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC

FORM 1-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS - LST

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥0 |
| NO CEILING | 57.7 | 58.5 | 58.5 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 20000 | 62.3 | 63.1 | 63.1 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| IV 18000 | 62.5 | 63.3 | 63.3 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| IV 16000 | 62.6 | 63.4 | 63.4 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| IV 14000 | 63.1 | 64.0 | 64.0 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| IV 12000 | 64.8 | 65.7 | 65.7 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| IV 10000 | 68.0 | 69.0 | 69.0 | 69.4 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| IV 9000 | 68.6 | 69.7 | 69.7 | 70.0 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| IV 8000 | 70.5 | 71.6 | 71.7 | 72.0 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| IV 7000 | 71.8 | 72.9 | 73.0 | 73.3 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| IV 6000 | 73.1 | 74.2 | 74.3 | 74.6 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| IV 5000 | 75.4 | 76.6 | 76.7 | 77.0 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| IV 4500 | 75.7 | 76.9 | 77.0 | 77.3 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| IV 4000 | 77.3 | 78.6 | 78.8 | 79.4 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| IV 3500 | 79.5 | 80.9 | 81.3 | 81.8 | 81.9 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| IV 3000 | 81.6 | 83.3 | 83.8 | 84.4 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| IV 2500 | 83.4 | 85.2 | 85.6 | 86.2 | 86.5 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| IV 2000 | 84.8 | 87.2 | 87.6 | 88.3 | 88.5 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| IV 1800 | 85.2 | 87.7 | 88.2 | 88.8 | 89.1 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| IV 1500 | 85.8 | 88.8 | 89.2 | 90.1 | 90.4 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| IV 1200 | 86.2 | 90.3 | 90.9 | 91.9 | 92.3 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| IV 1000 | 86.5 | 90.5 | 91.2 | 92.3 | 92.7 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IV 900 | 86.5 | 90.6 | 91.3 | 92.4 | 92.9 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| IV 800 | 86.5 | 91.1 | 91.8 | 93.1 | 93.9 | 94.8 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| IV 700 | 86.5 | 91.1 | 91.9 | 93.4 | 94.4 | 95.6 | 96.1 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 600 | 86.6 | 91.6 | 92.5 | 94.1 | 95.1 | 96.2 | 96.8 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 500 | 86.7 | 91.7 | 92.6 | 94.2 | 95.3 | 96.6 | 97.2 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV 400 | 86.7 | 91.7 | 92.6 | 94.5 | 95.7 | 97.1 | 97.7 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 300 | 86.7 | 91.7 | 92.6 | 94.6 | 96.0 | 97.4 | 98.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 200 | 86.7 | 91.7 | 92.6 | 94.6 | 96.0 | 97.4 | 98.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 100 | 86.7 | 91.7 | 92.6 | 94.6 | 96.0 | 97.4 | 98.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 0 | 86.7 | 91.7 | 92.6 | 94.6 | 96.0 | 97.4 | 98.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM FOURLY OBSERVATIONS)

1800-2000
HOURS LST

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥.4 |
| NO CEILING | 61.7 | 63.0 | 63.1 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.8 |
| ≥ 20000 | 65.4 | 66.8 | 66.9 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.7 |
| IV 18000 | 65.6 | 67.0 | 67.1 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 68.0 |
| IV 15000 | 65.6 | 67.0 | 67.1 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 68.0 |
| IV 14000 | 66.2 | 67.7 | 67.8 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.7 |
| IV 12000 | 66.8 | 68.3 | 68.4 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.2 |
| IV 10000 | 68.9 | 70.5 | 70.6 | 71.2 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.5 | 71.6 |
| IV 9000 | 69.4 | 71.0 | 71.1 | 71.6 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 | 72.0 |
| IV 8000 | 71.2 | 72.9 | 73.0 | 73.5 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.1 |
| IV 7000 | 72.5 | 74.4 | 74.5 | 75.1 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 | 75.6 |
| IV 6000 | 74.0 | 75.9 | 76.0 | 76.6 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.0 | 77.1 |
| IV 5000 | 74.6 | 76.6 | 76.8 | 77.3 | 77.5 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 | 77.8 |
| IV 4500 | 75.9 | 78.0 | 78.2 | 78.7 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.1 | 79.2 |
| IV 4000 | 77.3 | 79.5 | 79.7 | 80.2 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.8 |
| IV 3500 | 79.6 | 81.9 | 82.2 | 82.8 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.3 |
| IV 3000 | 81.6 | 84.5 | 84.7 | 85.4 | 85.6 | 85.6 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 86.0 |
| IV 2500 | 81.9 | 85.7 | 86.0 | 86.7 | 86.9 | 86.9 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 | 87.3 |
| IV 2000 | 82.8 | 87.3 | 87.6 | 88.3 | 88.5 | 88.5 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.8 | 88.9 |
| IV 1800 | 83.1 | 87.8 | 88.2 | 88.9 | 89.1 | 89.1 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.6 |
| IV 1500 | 83.2 | 88.2 | 88.6 | 89.4 | 89.6 | 89.6 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 | 90.1 |
| IV 1200 | 84.6 | 89.8 | 90.2 | 91.2 | 91.5 | 91.5 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.2 | 92.3 |
| IV 1000 | 84.8 | 90.4 | 91.2 | 92.3 | 92.7 | 92.7 | 93.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 | 93.5 |
| IV 900 | 85.1 | 90.8 | 91.5 | 92.6 | 93.0 | 93.0 | 93.3 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.2 |
| IV 800 | 85.2 | 91.1 | 91.8 | 93.0 | 93.9 | 93.9 | 94.3 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.1 | 95.2 |
| IV 700 | 85.2 | 91.2 | 91.9 | 93.2 | 94.5 | 94.5 | 95.1 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.2 |
| IV 600 | 85.3 | 91.4 | 92.3 | 93.9 | 95.2 | 95.2 | 95.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.2 |
| IV 500 | 85.3 | 91.5 | 92.4 | 94.2 | 95.7 | 95.7 | 96.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 | 98.2 |
| IV 400 | 85.3 | 91.5 | 92.4 | 94.3 | 96.0 | 96.0 | 97.2 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.0 | 99.2 |
| IV 300 | 85.3 | 91.5 | 92.4 | 94.3 | 96.0 | 96.0 | 97.2 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.8 |
| IV 200 | 85.3 | 91.5 | 92.4 | 94.3 | 96.0 | 96.0 | 97.2 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.8 |
| IV 100 | 85.3 | 91.5 | 92.4 | 94.3 | 96.0 | 96.0 | 97.2 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.8 |
| IV 0 | 85.3 | 91.5 | 92.4 | 94.3 | 96.0 | 96.0 | 97.2 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

UCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.T.)

| CEILING FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 62.5 | 64.7 | 64.4 | 64.8 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.4 | 65.4 | 65.5 | 65.6 | 65.6 |
| ≥ 20000 | 64.9 | 66.9 | 67.1 | 67.5 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 68.1 | 68.1 | 68.2 | 68.3 | 68.3 |
| ≥ 18000 | 65.1 | 67.0 | 67.2 | 67.6 | 67.8 | 67.8 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.2 | 68.2 | 68.3 | 68.4 | 68.4 |
| ≥ 16000 | 65.2 | 67.1 | 67.3 | 67.7 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.3 | 68.3 | 68.4 | 68.5 | 68.5 |
| ≥ 14000 | 65.7 | 67.7 | 68.0 | 68.4 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.9 | 68.9 | 69.0 | 69.1 | 69.6 |
| ≥ 12000 | 67.3 | 69.4 | 69.6 | 70.1 | 70.4 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.8 | 70.8 | 70.9 | 71.0 | 71.4 |
| ≥ 10000 | 69.8 | 72.0 | 72.4 | 73.0 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.7 | 73.7 | 73.8 | 73.9 | 74.3 |
| ≥ 9000 | 70.3 | 72.6 | 72.9 | 73.5 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.3 | 74.4 | 74.5 | 74.5 | 74.9 |
| ≥ 8000 | 72.2 | 74.4 | 74.7 | 75.4 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.1 | 76.1 | 76.2 | 76.3 | 76.8 |
| ≥ 7000 | 73.8 | 76.0 | 76.3 | 77.0 | 77.4 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.7 | 77.7 | 77.8 | 78.0 | 78.4 |
| ≥ 6000 | 75.3 | 77.6 | 78.0 | 78.6 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.4 | 79.4 | 79.5 | 79.6 | 80.0 |
| ≥ 5000 | 76.3 | 79.0 | 79.4 | 80.0 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.8 | 80.8 | 80.9 | 81.0 | 81.4 |
| ≥ 4500 | 76.6 | 79.4 | 79.7 | 80.3 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.1 | 81.1 | 81.2 | 81.3 | 81.7 |
| ≥ 4000 | 77.1 | 79.9 | 80.2 | 80.9 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.6 | 81.6 | 81.7 | 81.8 | 82.3 |
| ≥ 3500 | 78.7 | 81.6 | 81.9 | 82.6 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.3 | 83.3 | 83.4 | 83.5 | 84.0 |
| ≥ 3000 | 79.9 | 83.1 | 83.4 | 84.1 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.8 | 84.8 | 84.9 | 85.1 | 85.5 |
| ≥ 2500 | 80.9 | 84.8 | 85.4 | 86.1 | 86.6 | 86.6 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 87.0 | 87.0 | 87.1 | 87.2 | 87.6 |
| ≥ 2000 | 81.4 | 85.6 | 86.2 | 87.0 | 87.4 | 87.4 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.8 | 87.8 | 88.0 | 88.1 | 88.5 |
| ≥ 1800 | 81.8 | 86.0 | 86.7 | 87.6 | 88.1 | 88.1 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.5 | 88.5 | 88.6 | 88.7 | 89.1 |
| ≥ 1500 | 82.2 | 86.3 | 87.0 | 88.1 | 88.5 | 88.5 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.9 | 88.9 | 89.0 | 89.1 | 89.6 |
| ≥ 1200 | 83.4 | 88.0 | 88.9 | 90.0 | 90.4 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.9 | 90.9 | 91.0 | 91.1 | 91.5 |
| ≥ 1000 | 84.0 | 88.9 | 90.1 | 91.2 | 91.6 | 91.6 | 91.7 | 92.0 | 92.0 | 92.0 | 92.0 | 92.3 | 92.3 | 92.4 | 92.5 | 92.9 |
| ≥ 900 | 84.4 | 89.4 | 90.5 | 91.7 | 92.5 | 92.5 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.4 | 93.4 | 93.5 | 93.7 | 94.1 |
| ≥ 800 | 84.4 | 89.5 | 90.6 | 91.9 | 92.7 | 92.8 | 93.4 | 93.8 | 93.8 | 93.8 | 93.8 | 94.0 | 94.0 | 94.1 | 94.2 | 94.6 |
| ≥ 700 | 84.4 | 89.5 | 90.8 | 92.2 | 93.1 | 93.3 | 94.0 | 94.4 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.7 | 94.8 | 95.3 |
| ≥ 600 | 84.4 | 89.7 | 91.1 | 92.5 | 93.4 | 93.7 | 94.5 | 95.1 | 95.1 | 95.1 | 95.1 | 95.3 | 95.3 | 95.4 | 95.5 | 95.9 |
| ≥ 500 | 84.4 | 90.0 | 91.5 | 93.0 | 94.1 | 94.4 | 95.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.8 | 96.8 | 96.9 | 97.0 | 97.4 |
| ≥ 400 | 84.4 | 90.0 | 91.5 | 93.1 | 94.4 | 94.7 | 96.3 | 97.6 | 97.7 | 97.8 | 97.8 | 98.1 | 98.1 | 98.2 | 98.3 | 98.7 |
| ≥ 300 | 84.4 | 90.0 | 91.5 | 93.1 | 94.6 | 94.9 | 96.6 | 98.2 | 98.4 | 98.5 | 98.5 | 98.8 | 98.8 | 99.0 | 99.1 | 99.6 |
| ≥ 200 | 84.4 | 90.0 | 91.5 | 93.1 | 94.6 | 94.9 | 96.6 | 98.4 | 98.7 | 98.8 | 98.9 | 99.1 | 99.1 | 99.4 | 99.5 | 99.9 |
| ≥ 100 | 84.4 | 90.0 | 91.5 | 93.1 | 94.6 | 95.1 | 96.7 | 98.5 | 98.8 | 98.9 | 99.2 | 99.2 | 99.2 | 99.5 | 99.6 | 100.0 |
| ≥ 0 | 84.4 | 90.0 | 91.5 | 93.1 | 94.6 | 95.1 | 96.7 | 98.5 | 98.8 | 98.9 | 99.2 | 99.2 | 99.2 | 99.5 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | >10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ¾ | ¾ | ¾ | ¾ | ¾ | ≥0 |
| NO CEILING | 58.2 | 59.9 | 60.2 | 60.6 | 60.8 | 60.9 | 61.1 | 61.2 | 61.2 | 61.3 | 61.4 | 61.4 | 61.5 | 61.5 | 61.6 | 62.0 |
| ≤ 20000 | 61.7 | 63.7 | 64.0 | 64.4 | 64.7 | 64.8 | 65.0 | 65.1 | 65.1 | 65.2 | 65.3 | 65.3 | 65.4 | 65.4 | 65.5 | 66.0 |
| ≥ 18000 | 61.9 | 63.9 | 64.2 | 64.6 | 64.9 | 65.0 | 65.2 | 65.3 | 65.3 | 65.4 | 65.5 | 65.5 | 65.6 | 65.6 | 65.7 | 66.2 |
| ≥ 16000 | 62.0 | 64.0 | 64.3 | 64.7 | 65.0 | 65.1 | 65.3 | 65.4 | 65.5 | 65.5 | 65.6 | 65.6 | 65.8 | 65.8 | 65.8 | 66.3 |
| ≥ 14000 | 62.5 | 64.6 | 65.0 | 65.4 | 65.6 | 65.7 | 65.9 | 66.0 | 66.1 | 66.1 | 66.2 | 66.2 | 66.4 | 66.4 | 66.5 | 66.9 |
| ≥ 12000 | 63.9 | 66.1 | 66.5 | 66.9 | 67.2 | 67.3 | 67.5 | 67.6 | 67.6 | 67.7 | 67.8 | 67.8 | 67.9 | 67.9 | 68.0 | 68.5 |
| ≥ 10000 | 66.2 | 68.5 | 69.0 | 69.5 | 69.7 | 69.8 | 70.1 | 70.2 | 70.2 | 70.3 | 70.4 | 70.4 | 70.5 | 70.5 | 70.6 | 71.1 |
| ≥ 9000 | 66.5 | 68.9 | 69.4 | 69.9 | 70.1 | 70.3 | 70.5 | 70.6 | 70.6 | 70.7 | 70.8 | 70.8 | 70.9 | 71.0 | 71.0 | 71.5 |
| ≥ 8000 | 68.2 | 70.7 | 71.1 | 71.6 | 71.9 | 72.1 | 72.3 | 72.4 | 72.4 | 72.5 | 72.6 | 72.6 | 72.7 | 72.8 | 72.8 | 73.3 |
| ≥ 7000 | 69.4 | 72.0 | 72.5 | 73.0 | 73.3 | 73.4 | 73.7 | 73.8 | 73.8 | 73.9 | 74.0 | 74.0 | 74.1 | 74.2 | 74.2 | 74.7 |
| ≥ 6000 | 70.7 | 73.4 | 73.9 | 74.4 | 74.7 | 74.9 | 75.1 | 75.2 | 75.3 | 75.3 | 75.4 | 75.4 | 75.6 | 75.6 | 75.7 | 76.2 |
| ≥ 5000 | 71.9 | 74.8 | 75.3 | 75.8 | 76.1 | 76.3 | 76.5 | 76.7 | 76.7 | 76.8 | 76.9 | 76.9 | 77.0 | 77.0 | 77.1 | 77.6 |
| ≥ 4500 | 72.6 | 75.6 | 76.1 | 76.7 | 77.0 | 77.1 | 77.4 | 77.5 | 77.6 | 77.6 | 77.7 | 77.7 | 77.9 | 77.9 | 78.0 | 78.5 |
| ≥ 4000 | 72.8 | 76.9 | 77.3 | 78.1 | 78.4 | 78.6 | 78.9 | 79.0 | 79.0 | 79.1 | 79.2 | 79.2 | 79.4 | 79.4 | 79.5 | 80.0 |
| ≥ 3500 | 75.0 | 78.3 | 78.9 | 79.5 | 79.8 | 80.0 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.7 | 80.8 | 80.8 | 80.9 | 81.4 |
| ≥ 3000 | 76.8 | 80.3 | 81.0 | 81.7 | 82.0 | 82.2 | 82.5 | 82.7 | 82.7 | 82.8 | 82.9 | 82.9 | 83.1 | 83.1 | 83.2 | 83.7 |
| ≥ 2500 | 77.8 | 81.8 | 82.5 | 83.3 | 83.7 | 84.0 | 84.3 | 84.5 | 84.5 | 84.6 | 84.7 | 84.7 | 84.8 | 84.9 | 84.9 | 85.4 |
| ≥ 2000 | 79.1 | 83.4 | 84.2 | 85.0 | 85.4 | 85.7 | 86.0 | 86.2 | 86.2 | 86.3 | 86.4 | 86.4 | 86.6 | 86.6 | 86.7 | 87.2 |
| ≥ 1800 | 79.5 | 83.9 | 84.7 | 85.5 | 86.0 | 86.3 | 86.6 | 86.8 | 86.8 | 86.9 | 87.0 | 87.0 | 87.2 | 87.2 | 87.3 | 87.8 |
| ≥ 1500 | 80.1 | 84.7 | 85.6 | 86.5 | 87.0 | 87.3 | 87.6 | 87.8 | 87.9 | 88.0 | 88.1 | 88.1 | 88.2 | 88.2 | 88.3 | 88.8 |
| ≥ 1200 | 80.9 | 86.0 | 87.0 | 88.0 | 88.5 | 88.8 | 89.3 | 89.5 | 89.5 | 89.6 | 89.7 | 89.7 | 89.9 | 89.9 | 90.0 | 90.4 |
| ≥ 1000 | 81.4 | 86.9 | 88.1 | 89.4 | 90.0 | 90.5 | 91.1 | 91.4 | 91.4 | 91.5 | 91.6 | 91.6 | 91.8 | 91.8 | 91.9 | 92.4 |
| ≥ 900 | 81.6 | 87.3 | 88.5 | 89.9 | 90.7 | 91.2 | 91.8 | 92.2 | 92.2 | 92.3 | 92.4 | 92.4 | 92.6 | 92.6 | 92.7 | 93.1 |
| ≥ 800 | 81.7 | 87.9 | 89.1 | 90.6 | 91.6 | 92.1 | 92.9 | 93.3 | 93.3 | 93.5 | 93.6 | 93.6 | 93.8 | 93.8 | 93.9 | 94.4 |
| ≥ 700 | 81.8 | 88.0 | 89.4 | 91.0 | 92.1 | 92.7 | 93.6 | 94.1 | 94.2 | 94.3 | 94.5 | 94.5 | 94.6 | 94.7 | 94.7 | 95.2 |
| ≥ 600 | 81.9 | 88.4 | 89.8 | 91.6 | 92.8 | 93.5 | 94.5 | 95.2 | 95.3 | 95.5 | 95.7 | 95.7 | 95.9 | 95.9 | 96.0 | 96.5 |
| ≥ 500 | 82.0 | 88.5 | 90.1 | 91.9 | 93.3 | 94.1 | 95.3 | 96.3 | 96.5 | 96.7 | 96.9 | 96.9 | 97.1 | 97.2 | 97.3 | 97.7 |
| ≥ 400 | 82.0 | 88.6 | 90.1 | 92.1 | 93.7 | 94.4 | 95.8 | 97.1 | 97.3 | 97.7 | 97.9 | 98.0 | 98.2 | 98.2 | 98.3 | 98.8 |
| ≥ 300 | 82.0 | 88.6 | 90.1 | 92.1 | 93.7 | 94.5 | 95.9 | 97.3 | 97.6 | 98.1 | 98.4 | 98.5 | 98.8 | 98.8 | 98.9 | 99.4 |
| ≥ 200 | 82.0 | 88.6 | 90.1 | 92.1 | 93.7 | 94.5 | 96.0 | 97.4 | 97.8 | 98.2 | 98.6 | 98.7 | 99.0 | 99.1 | 99.2 | 99.7 |
| ≥ 100 | 82.0 | 88.6 | 90.1 | 92.1 | 93.7 | 94.6 | 96.0 | 97.5 | 97.8 | 98.3 | 98.7 | 98.7 | 99.1 | 99.2 | 99.3 | 99.9 |
| ≥ 50 | 82.0 | 88.6 | 90.1 | 92.1 | 93.7 | 94.6 | 96.0 | 97.5 | 97.8 | 98.3 | 98.7 | 98.7 | 99.1 | 99.2 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0 |
| NO CEILING ≥ 20000 | 52.0 | 54.7 | 54.8 | 55.2 | 55.8 | 55.8 | 56.0 | 56.2 | 56.2 | 56.2 | 56.7 | 56.7 | 56.7 | 56.7 | 56.8 | 57.3 |
| ≥ 18000 | 53.4 | 55.7 | 56.2 | 56.7 | 57.2 | 57.2 | 57.4 | 57.7 | 57.7 | 57.7 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 | 58.8 |
| ≥ 16000 | 54.0 | 56.2 | 56.8 | 57.2 | 57.8 | 57.8 | 58.0 | 58.2 | 58.2 | 58.2 | 58.7 | 58.7 | 58.7 | 58.7 | 58.8 | 59.3 |
| ≥ 14000 | 54.4 | 56.7 | 57.2 | 57.7 | 58.2 | 58.2 | 58.4 | 58.7 | 58.7 | 58.7 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.8 |
| ≥ 12000 | 55.6 | 57.8 | 58.3 | 58.8 | 59.3 | 59.3 | 59.6 | 59.8 | 59.8 | 59.8 | 60.2 | 60.2 | 60.2 | 60.2 | 60.3 | 60.9 |
| ≥ 10000 | 56.8 | 59.0 | 59.6 | 60.0 | 60.6 | 60.6 | 60.8 | 61.0 | 61.0 | 61.0 | 61.4 | 61.4 | 61.4 | 61.4 | 61.6 | 62.1 |
| ≥ 9000 | 57.7 | 59.9 | 60.4 | 60.9 | 61.4 | 61.4 | 61.7 | 61.9 | 61.9 | 61.9 | 62.3 | 62.3 | 62.3 | 62.3 | 62.4 | 63.0 |
| ≥ 8000 | 58.9 | 61.1 | 61.7 | 62.1 | 62.7 | 62.7 | 62.9 | 63.1 | 63.1 | 63.1 | 63.6 | 63.6 | 63.6 | 63.6 | 63.7 | 64.2 |
| ≥ 7000 | 59.3 | 61.6 | 62.1 | 62.6 | 63.1 | 63.1 | 63.3 | 63.6 | 63.6 | 63.6 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.7 |
| ≥ 6000 | 60.7 | 62.9 | 63.4 | 63.9 | 64.4 | 64.4 | 64.7 | 64.9 | 64.9 | 64.9 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 66.0 |
| ≥ 5000 | 62.8 | 65.2 | 65.9 | 66.3 | 66.9 | 66.9 | 67.1 | 67.3 | 67.3 | 67.3 | 67.8 | 67.8 | 67.9 | 67.9 | 68.0 | 68.6 |
| ≥ 4500 | 64.7 | 67.1 | 67.8 | 68.2 | 68.8 | 68.8 | 69.0 | 69.2 | 69.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 | 69.9 | 70.4 |
| ≥ 4000 | 65.8 | 68.3 | 69.0 | 69.4 | 70.0 | 70.0 | 70.2 | 70.4 | 70.4 | 70.4 | 70.9 | 70.9 | 71.0 | 71.0 | 71.1 | 71.7 |
| ≥ 3500 | 66.3 | 68.9 | 69.6 | 70.0 | 70.6 | 70.6 | 70.8 | 71.0 | 71.0 | 71.0 | 71.4 | 71.4 | 71.6 | 71.6 | 71.7 | 72.2 |
| ≥ 3000 | 67.7 | 70.6 | 71.2 | 71.9 | 72.4 | 72.6 | 72.8 | 73.1 | 73.1 | 73.1 | 73.6 | 73.6 | 73.7 | 73.7 | 73.8 | 74.3 |
| ≥ 2500 | 69.2 | 72.3 | 73.0 | 73.8 | 74.3 | 74.4 | 74.7 | 75.0 | 75.1 | 75.1 | 75.6 | 75.6 | 75.7 | 75.7 | 75.8 | 76.3 |
| ≥ 2000 | 71.0 | 74.3 | 75.2 | 76.1 | 76.7 | 76.8 | 77.0 | 77.3 | 77.4 | 77.4 | 77.9 | 77.9 | 78.0 | 78.0 | 78.1 | 78.7 |
| ≥ 1800 | 71.8 | 75.1 | 76.0 | 76.9 | 77.4 | 77.6 | 77.8 | 78.1 | 78.2 | 78.2 | 78.7 | 78.7 | 78.8 | 78.8 | 78.9 | 79.4 |
| ≥ 1500 | 74.0 | 78.4 | 79.4 | 80.3 | 81.1 | 81.2 | 81.6 | 82.2 | 82.3 | 82.3 | 82.8 | 82.8 | 82.9 | 82.9 | 83.0 | 83.6 |
| ≥ 1200 | 75.8 | 80.4 | 81.8 | 82.8 | 83.8 | 83.9 | 84.3 | 85.1 | 85.2 | 85.2 | 85.7 | 85.7 | 85.8 | 85.8 | 85.9 | 86.4 |
| ≥ 1000 | 76.9 | 81.8 | 83.3 | 84.4 | 85.4 | 85.6 | 86.1 | 86.9 | 87.0 | 87.0 | 87.4 | 87.4 | 87.6 | 87.6 | 87.7 | 88.2 |
| ≥ 900 | 77.0 | 82.2 | 83.8 | 85.0 | 86.2 | 86.3 | 86.9 | 87.7 | 87.9 | 87.9 | 88.3 | 88.3 | 88.4 | 88.4 | 88.6 | 89.1 |
| ≥ 800 | 77.0 | 82.9 | 84.7 | 86.1 | 87.7 | 87.8 | 88.3 | 89.2 | 89.4 | 89.4 | 89.9 | 89.9 | 90.0 | 90.0 | 90.1 | 90.7 |
| ≥ 700 | 77.0 | 83.1 | 85.0 | 86.8 | 88.9 | 89.0 | 89.6 | 90.7 | 90.9 | 90.9 | 91.3 | 91.3 | 91.4 | 91.4 | 91.6 | 92.1 |
| ≥ 600 | 77.0 | 83.1 | 85.2 | 87.4 | 90.1 | 90.3 | 91.0 | 92.4 | 92.7 | 92.8 | 93.3 | 93.3 | 93.4 | 93.4 | 93.6 | 94.1 |
| ≥ 500 | 77.1 | 83.3 | 85.7 | 88.1 | 91.1 | 91.4 | 92.2 | 93.7 | 93.9 | 94.0 | 94.7 | 94.7 | 94.8 | 94.8 | 94.9 | 95.4 |
| ≥ 400 | 77.1 | 83.3 | 85.7 | 88.2 | 91.3 | 91.8 | 92.7 | 94.3 | 94.6 | 94.8 | 95.6 | 95.8 | 96.0 | 96.0 | 96.1 | 96.8 |
| ≥ 300 | 77.1 | 83.3 | 85.7 | 88.3 | 91.6 | 92.0 | 93.1 | 95.1 | 95.6 | 96.1 | 97.1 | 97.3 | 97.6 | 97.6 | 97.7 | 98.3 |
| ≥ 200 | 77.1 | 83.3 | 85.7 | 88.4 | 91.8 | 92.2 | 93.3 | 95.3 | 95.9 | 96.6 | 97.7 | 97.9 | 98.3 | 98.3 | 98.8 | 99.6 |
| ≥ 100 | 77.1 | 83.3 | 85.7 | 88.4 | 91.8 | 92.2 | 93.3 | 95.3 | 95.9 | 96.6 | 97.7 | 97.9 | 98.3 | 98.3 | 98.8 | 99.7 |
| ≥ 0 | 77.1 | 83.3 | 85.7 | 88.4 | 91.8 | 92.2 | 93.3 | 95.3 | 95.9 | 96.6 | 97.7 | 97.9 | 98.3 | 98.3 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

9-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|--------|--------|-------|--------|---------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0 |
| NO CEILING | 46.3 | 49.7 | 50.1 | 50.6 | 51.2 | 51.4 | 51.9 | 52.3 | 52.3 | 52.3 | 52.6 | 52.6 | 53.0 | 53.0 | 53.2 | 53.7 |
| ≥ 20000 | 48.0 | 51.6 | 52.0 | 52.4 | 53.1 | 53.3 | 53.8 | 54.2 | 54.2 | 54.2 | 54.4 | 54.4 | 54.9 | 54.9 | 55.1 | 55.6 |
| ≥ 18000 | 48.6 | 52.3 | 52.8 | 53.2 | 53.9 | 54.1 | 54.6 | 55.0 | 55.0 | 55.0 | 55.2 | 55.2 | 55.7 | 55.7 | 55.9 | 56.3 |
| ≥ 16000 | 49.1 | 52.9 | 53.3 | 53.8 | 54.4 | 54.7 | 55.1 | 55.6 | 55.6 | 55.6 | 55.8 | 55.8 | 56.2 | 56.2 | 56.4 | 56.9 |
| ≥ 14000 | 49.3 | 53.1 | 53.6 | 54.0 | 54.7 | 54.9 | 55.3 | 55.8 | 55.8 | 55.8 | 56.0 | 56.0 | 56.4 | 56.4 | 56.7 | 57.1 |
| ≥ 12000 | 50.4 | 54.2 | 54.7 | 55.1 | 55.8 | 56.0 | 56.4 | 56.9 | 56.9 | 56.9 | 57.1 | 57.1 | 57.6 | 57.6 | 57.8 | 58.2 |
| ≥ 10000 | 52.2 | 56.0 | 56.7 | 57.1 | 57.8 | 58.0 | 58.4 | 58.9 | 58.9 | 58.9 | 59.1 | 59.1 | 59.6 | 59.6 | 59.8 | 60.2 |
| ≥ 9000 | 52.9 | 56.7 | 57.3 | 57.8 | 58.4 | 58.7 | 59.1 | 59.6 | 59.6 | 59.6 | 59.8 | 59.8 | 60.2 | 60.2 | 60.4 | 60.9 |
| ≥ 8000 | 54.4 | 58.3 | 59.0 | 59.4 | 60.1 | 60.3 | 60.8 | 61.2 | 61.2 | 61.2 | 61.4 | 61.4 | 61.9 | 61.9 | 62.1 | 62.6 |
| ≥ 7000 | 55.0 | 58.9 | 59.6 | 60.0 | 60.7 | 60.9 | 61.3 | 61.8 | 61.8 | 61.8 | 62.0 | 62.0 | 62.4 | 62.4 | 62.7 | 63.1 |
| ≥ 6000 | 56.0 | 60.1 | 60.8 | 61.2 | 61.9 | 62.1 | 62.6 | 63.0 | 63.0 | 63.0 | 63.2 | 63.2 | 63.7 | 63.7 | 63.9 | 64.3 |
| ≥ 5000 | 57.3 | 61.4 | 62.3 | 62.8 | 63.6 | 63.8 | 64.2 | 64.7 | 64.7 | 64.7 | 64.9 | 64.9 | 65.3 | 65.3 | 65.6 | 66.0 |
| ≥ 4500 | 58.1 | 62.3 | 63.1 | 63.6 | 64.3 | 64.6 | 65.0 | 65.4 | 65.4 | 65.4 | 65.7 | 65.7 | 66.1 | 66.1 | 66.3 | 66.8 |
| ≥ 4000 | 59.1 | 62.9 | 63.7 | 64.2 | 65.0 | 65.2 | 65.7 | 66.1 | 66.1 | 66.1 | 66.3 | 66.3 | 66.7 | 66.7 | 66.9 | 67.4 |
| ≥ 3500 | 60.3 | 64.6 | 65.3 | 65.8 | 66.7 | 66.9 | 67.3 | 67.8 | 67.8 | 67.8 | 68.0 | 68.0 | 68.4 | 68.4 | 68.7 | 69.1 |
| ≥ 3000 | 61.4 | 65.7 | 66.6 | 67.1 | 68.1 | 68.3 | 68.8 | 69.3 | 69.3 | 69.3 | 69.6 | 69.6 | 70.0 | 70.0 | 70.2 | 70.7 |
| ≥ 2500 | 62.8 | 67.3 | 68.3 | 68.9 | 70.0 | 70.2 | 70.8 | 71.3 | 71.3 | 71.3 | 71.6 | 71.6 | 72.0 | 72.0 | 72.2 | 72.7 |
| ≥ 2000 | 65.7 | 70.4 | 71.6 | 72.1 | 73.3 | 73.6 | 74.1 | 74.8 | 74.8 | 74.8 | 75.0 | 75.0 | 75.4 | 75.4 | 75.7 | 76.1 |
| ≥ 1800 | 66.0 | 71.0 | 72.1 | 72.7 | 74.0 | 74.2 | 74.8 | 75.4 | 75.4 | 75.4 | 75.7 | 75.7 | 76.1 | 76.1 | 76.3 | 76.8 |
| ≥ 1500 | 67.7 | 73.4 | 74.7 | 75.2 | 76.7 | 76.9 | 77.4 | 78.2 | 78.2 | 78.3 | 78.6 | 78.6 | 79.0 | 79.0 | 79.2 | 79.7 |
| ≥ 1200 | 69.8 | 76.3 | 77.8 | 78.3 | 79.8 | 80.0 | 80.6 | 81.4 | 81.4 | 81.6 | 81.8 | 81.8 | 82.2 | 82.2 | 82.4 | 82.9 |
| ≥ 1000 | 70.9 | 78.3 | 79.9 | 80.8 | 82.3 | 82.6 | 83.2 | 84.2 | 84.2 | 84.3 | 84.6 | 84.6 | 85.0 | 85.0 | 85.2 | 85.8 |
| ≥ 900 | 71.4 | 79.0 | 80.7 | 81.7 | 83.2 | 83.4 | 84.3 | 85.3 | 85.3 | 85.9 | 86.1 | 86.1 | 86.6 | 86.6 | 86.8 | 87.3 |
| ≥ 800 | 71.7 | 80.3 | 82.3 | 83.4 | 85.3 | 85.6 | 86.4 | 87.4 | 87.4 | 88.0 | 88.2 | 88.2 | 88.7 | 88.7 | 88.9 | 89.4 |
| ≥ 700 | 71.8 | 80.6 | 82.6 | 84.1 | 86.6 | 87.0 | 87.9 | 89.0 | 89.0 | 89.6 | 89.8 | 89.8 | 90.2 | 90.2 | 90.4 | 91.0 |
| ≥ 600 | 71.8 | 80.6 | 82.6 | 84.1 | 87.0 | 87.4 | 88.6 | 89.9 | 90.1 | 90.7 | 91.2 | 91.2 | 91.7 | 91.7 | 91.9 | 92.4 |
| ≥ 500 | 71.8 | 80.9 | 83.0 | 85.0 | 88.2 | 88.9 | 90.1 | 91.4 | 91.8 | 92.7 | 93.2 | 93.2 | 93.9 | 93.9 | 94.1 | 94.7 |
| ≥ 400 | 71.8 | 81.0 | 83.1 | 85.1 | 88.8 | 89.7 | 91.1 | 92.8 | 93.1 | 94.0 | 94.6 | 94.6 | 95.4 | 95.4 | 95.7 | 96.3 |
| ≥ 300 | 71.8 | 81.0 | 83.1 | 85.2 | 89.1 | 90.0 | 91.7 | 93.6 | 93.9 | 95.0 | 96.0 | 96.1 | 97.1 | 97.3 | 97.7 | 98.3 |
| ≥ 200 | 71.8 | 81.0 | 83.1 | 85.2 | 89.2 | 90.1 | 91.9 | 93.9 | 94.4 | 96.0 | 97.2 | 97.3 | 98.4 | 98.7 | 99.0 | 99.7 |
| ≥ 100 | 71.8 | 81.0 | 83.1 | 85.2 | 89.2 | 90.1 | 91.9 | 93.9 | 94.6 | 96.1 | 97.4 | 97.6 | 98.7 | 98.9 | 99.2 | 99.9 |
| ≥ 0 | 71.8 | 81.0 | 83.1 | 85.2 | 89.2 | 90.1 | 91.9 | 93.9 | 94.6 | 96.1 | 97.4 | 97.6 | 98.7 | 98.9 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949 OFFUTT AFB NE

69-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.9 | ≥.8 | ≥.7 | ≥.6 | ≥.5 | ≥.4 |
| NO CEILING | 41.9 | 44.1 | 44.4 | 44.7 | 45.3 | 45.6 | 46.0 | 46.0 | 46.1 | 46.2 | 46.6 | 46.6 | 46.9 | 46.9 | 47.1 | 47.7 |
| ≥ 2000 | 45.6 | 48.1 | 48.6 | 48.9 | 49.8 | 50.0 | 50.4 | 50.4 | 50.6 | 50.7 | 51.0 | 51.0 | 51.4 | 51.4 | 51.7 | 52.2 |
| ≥ 1800 | 45.9 | 48.6 | 49.0 | 49.3 | 50.2 | 50.4 | 50.9 | 50.9 | 51.0 | 51.1 | 51.4 | 51.4 | 51.9 | 51.9 | 52.1 | 52.7 |
| ≥ 1600 | 46.2 | 49.0 | 49.4 | 49.8 | 50.7 | 51.0 | 51.4 | 51.4 | 51.6 | 51.7 | 52.0 | 52.0 | 52.4 | 52.4 | 52.7 | 53.2 |
| ≥ 1400 | 46.6 | 49.3 | 49.8 | 50.1 | 51.0 | 51.3 | 51.8 | 51.8 | 51.9 | 52.0 | 52.3 | 52.3 | 52.8 | 52.8 | 53.0 | 53.6 |
| ≥ 1200 | 47.0 | 50.3 | 50.8 | 51.1 | 52.0 | 52.3 | 52.8 | 52.8 | 52.9 | 53.0 | 53.3 | 53.3 | 53.8 | 53.8 | 54.0 | 54.6 |
| ≥ 1000 | 49.9 | 52.7 | 53.3 | 53.7 | 54.6 | 54.9 | 55.3 | 55.3 | 55.4 | 55.6 | 55.9 | 55.9 | 56.3 | 56.3 | 56.6 | 57.1 |
| ≥ 900 | 50.2 | 53.0 | 53.7 | 54.0 | 54.9 | 55.2 | 55.7 | 55.7 | 55.8 | 55.9 | 56.2 | 56.2 | 56.7 | 56.7 | 56.9 | 57.4 |
| ≥ 800 | 51.9 | 54.9 | 55.6 | 55.9 | 56.8 | 57.1 | 57.6 | 57.6 | 57.7 | 57.8 | 58.1 | 58.1 | 58.6 | 58.6 | 58.8 | 59.3 |
| ≥ 700 | 52.6 | 55.6 | 56.2 | 56.6 | 57.4 | 57.8 | 58.2 | 58.2 | 58.3 | 58.4 | 58.8 | 58.8 | 59.2 | 59.2 | 59.4 | 60.0 |
| ≥ 600 | 53.7 | 56.9 | 57.7 | 58.1 | 59.0 | 59.3 | 59.8 | 59.8 | 59.9 | 60.0 | 60.3 | 60.3 | 60.8 | 60.8 | 61.0 | 61.6 |
| ≥ 500 | 55.9 | 59.2 | 60.1 | 60.6 | 61.4 | 61.8 | 62.2 | 62.2 | 62.3 | 62.4 | 62.8 | 62.8 | 63.2 | 63.2 | 63.4 | 64.0 |
| ≥ 450 | 56.7 | 60.0 | 60.9 | 61.3 | 62.3 | 62.7 | 63.1 | 63.1 | 63.2 | 63.3 | 63.7 | 63.7 | 64.1 | 64.1 | 64.3 | 64.9 |
| ≥ 400 | 57.8 | 61.1 | 62.0 | 62.6 | 63.6 | 64.0 | 64.4 | 64.4 | 64.6 | 64.7 | 65.0 | 65.0 | 65.4 | 65.4 | 65.7 | 66.2 |
| ≥ 350 | 59.1 | 62.8 | 63.7 | 64.2 | 65.2 | 65.8 | 66.2 | 66.2 | 66.3 | 66.4 | 66.8 | 66.8 | 67.2 | 67.2 | 67.4 | 68.0 |
| ≥ 300 | 60.1 | 63.9 | 64.8 | 65.3 | 66.3 | 66.9 | 67.4 | 67.4 | 67.6 | 67.7 | 68.0 | 68.0 | 68.4 | 68.4 | 68.7 | 69.2 |
| ≥ 250 | 60.9 | 65.2 | 66.1 | 66.8 | 67.8 | 68.3 | 68.9 | 68.9 | 69.0 | 69.1 | 69.4 | 69.4 | 69.9 | 69.9 | 70.1 | 70.7 |
| ≥ 200 | 62.8 | 67.2 | 68.4 | 69.1 | 70.1 | 70.7 | 71.3 | 71.3 | 71.4 | 71.6 | 71.9 | 71.9 | 72.3 | 72.3 | 72.6 | 73.1 |
| ≥ 1800 | 63.3 | 68.1 | 69.4 | 70.2 | 71.3 | 71.9 | 72.8 | 72.9 | 73.0 | 73.2 | 73.6 | 73.6 | 74.0 | 74.0 | 74.2 | 74.8 |
| ≥ 1500 | 64.9 | 70.6 | 72.1 | 72.9 | 74.1 | 74.7 | 75.9 | 76.0 | 76.1 | 76.3 | 76.8 | 76.8 | 77.3 | 77.3 | 77.6 | 78.1 |
| ≥ 1200 | 67.2 | 73.9 | 75.7 | 76.4 | 77.7 | 78.2 | 79.6 | 79.8 | 79.9 | 80.1 | 80.6 | 80.6 | 81.1 | 81.1 | 81.3 | 81.9 |
| ≥ 1000 | 68.3 | 75.7 | 78.0 | 79.0 | 80.4 | 81.0 | 82.4 | 82.8 | 82.9 | 83.1 | 83.6 | 83.6 | 84.1 | 84.1 | 84.3 | 84.9 |
| ≥ 900 | 68.4 | 77.0 | 79.1 | 80.3 | 82.0 | 82.7 | 84.1 | 84.4 | 84.7 | 85.0 | 85.4 | 85.4 | 86.0 | 86.0 | 86.2 | 86.8 |
| ≥ 800 | 68.4 | 77.6 | 79.7 | 81.1 | 83.0 | 83.8 | 85.3 | 85.8 | 86.0 | 86.3 | 86.9 | 86.9 | 87.6 | 87.6 | 87.8 | 88.3 |
| ≥ 700 | 68.4 | 77.9 | 80.1 | 82.1 | 84.7 | 85.6 | 87.4 | 88.1 | 88.3 | 88.7 | 89.4 | 89.4 | 90.1 | 90.1 | 90.3 | 90.9 |
| ≥ 600 | 68.4 | 77.9 | 80.2 | 82.4 | 85.6 | 86.7 | 89.0 | 90.1 | 90.6 | 91.0 | 91.8 | 91.8 | 92.4 | 92.4 | 92.7 | 93.2 |
| ≥ 500 | 68.4 | 77.9 | 80.6 | 82.8 | 86.1 | 87.4 | 89.9 | 91.0 | 91.9 | 92.3 | 93.1 | 93.1 | 93.9 | 93.9 | 94.1 | 94.7 |
| ≥ 400 | 68.4 | 77.9 | 80.6 | 82.8 | 86.3 | 87.9 | 91.4 | 91.8 | 92.7 | 93.2 | 94.0 | 94.0 | 95.1 | 95.2 | 95.4 | 96.0 |
| ≥ 300 | 68.4 | 77.9 | 80.6 | 82.8 | 86.6 | 88.3 | 91.1 | 92.6 | 93.6 | 94.1 | 95.0 | 95.0 | 96.2 | 96.3 | 96.8 | 97.4 |
| ≥ 200 | 68.4 | 77.9 | 80.6 | 82.8 | 86.8 | 88.3 | 91.2 | 92.8 | 93.9 | 94.7 | 95.7 | 95.7 | 97.1 | 97.2 | 97.8 | 98.7 |
| ≥ 100 | 68.4 | 77.9 | 80.6 | 82.8 | 86.8 | 88.3 | 91.2 | 92.9 | 94.0 | 94.9 | 95.9 | 96.0 | 97.6 | 97.7 | 98.2 | 99.4 |
| ≥ 0 | 68.4 | 77.9 | 80.6 | 82.8 | 86.8 | 88.3 | 91.2 | 92.9 | 94.0 | 94.9 | 95.9 | 96.0 | 97.6 | 97.7 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEAR

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|------|-------|-------|------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .25 | ≥ .15 | ≥ .1 | ≥ .05 | ≥ .025 | ≥ 0 |
| NO CEILING | 40.1 | 43.4 | 43.6 | 43.9 | 44.2 | 44.3 | 44.4 | 44.6 | 44.6 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.8 | 44.8 |
| ≥ 20000 | 45.2 | 47.2 | 49.3 | 49.7 | 50.1 | 50.2 | 50.3 | 50.4 | 50.4 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.8 | 50.8 |
| ≥ 18000 | 46.1 | 50.1 | 50.2 | 50.6 | 51.0 | 51.1 | 51.2 | 51.3 | 51.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.7 | 51.7 |
| ≥ 16000 | 46.7 | 50.7 | 50.8 | 51.1 | 51.6 | 51.7 | 51.9 | 52.0 | 52.0 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.3 | 52.3 |
| ≥ 14000 | 47.4 | 51.4 | 51.6 | 51.9 | 52.3 | 52.4 | 52.7 | 52.8 | 52.8 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 53.1 | 53.1 |
| ≥ 12000 | 48.4 | 52.6 | 52.7 | 53.0 | 53.4 | 53.6 | 53.8 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.2 | 54.2 |
| ≥ 10000 | 51.2 | 55.4 | 55.6 | 55.9 | 56.3 | 56.4 | 56.8 | 56.9 | 56.9 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.3 | 57.3 |
| ≥ 9000 | 51.7 | 56.0 | 56.1 | 56.4 | 56.9 | 57.0 | 57.3 | 57.4 | 57.4 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.9 | 57.9 |
| ≥ 8000 | 53.7 | 58.0 | 58.1 | 58.4 | 58.9 | 59.0 | 59.3 | 59.4 | 59.4 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.9 | 59.9 |
| ≥ 7000 | 54.0 | 59.1 | 59.2 | 59.6 | 60.0 | 60.1 | 60.4 | 60.6 | 60.6 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 61.0 | 61.0 |
| ≥ 6000 | 54.4 | 59.7 | 59.8 | 60.1 | 60.6 | 60.7 | 61.0 | 61.1 | 61.1 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.6 | 61.6 |
| ≥ 5000 | 56.3 | 61.8 | 61.9 | 62.2 | 62.8 | 62.9 | 63.2 | 63.3 | 63.3 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.8 | 63.8 |
| ≥ 4500 | 56.7 | 62.2 | 62.4 | 62.8 | 63.3 | 63.4 | 63.8 | 63.9 | 63.9 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.3 | 64.3 |
| ≥ 4000 | 57.7 | 64.0 | 64.2 | 64.7 | 65.2 | 65.3 | 65.7 | 65.8 | 65.8 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.2 | 66.2 |
| ≥ 3500 | 59.2 | 65.8 | 66.0 | 66.4 | 67.0 | 67.1 | 67.4 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 68.0 | 68.0 |
| ≥ 3000 | 60.6 | 67.4 | 67.7 | 68.1 | 68.7 | 68.8 | 69.2 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 70.0 | 70.0 |
| ≥ 2500 | 61.1 | 68.1 | 68.4 | 68.9 | 69.4 | 69.6 | 70.0 | 70.3 | 70.3 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.8 | 70.8 |
| ≥ 2000 | 62.6 | 70.4 | 71.0 | 71.4 | 72.1 | 72.2 | 72.9 | 73.2 | 73.3 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.8 | 73.8 |
| ≥ 1800 | 62.9 | 71.3 | 71.9 | 72.3 | 73.0 | 73.1 | 73.9 | 74.2 | 74.3 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.8 | 74.8 |
| ≥ 1500 | 64.3 | 74.1 | 75.3 | 76.2 | 76.9 | 77.0 | 77.9 | 78.4 | 78.6 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 79.1 | 79.1 |
| ≥ 1200 | 66.7 | 78.2 | 79.7 | 80.6 | 81.4 | 81.6 | 82.4 | 83.2 | 83.3 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 84.0 | 84.0 |
| ≥ 1000 | 67.0 | 80.3 | 82.2 | 83.2 | 84.4 | 84.7 | 85.9 | 86.9 | 87.1 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.2 | 88.2 |
| ≥ 900 | 67.2 | 80.8 | 82.9 | 84.0 | 85.2 | 85.4 | 86.8 | 87.8 | 88.0 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 89.1 | 89.1 |
| ≥ 800 | 67.3 | 81.1 | 83.3 | 84.7 | 86.0 | 86.2 | 87.7 | 88.9 | 89.3 | 90.1 | 90.3 | 90.4 | 90.4 | 90.4 | 90.7 | 90.7 |
| ≥ 700 | 67.6 | 81.7 | 84.0 | 85.4 | 87.2 | 87.4 | 88.9 | 90.2 | 90.8 | 91.8 | 92.0 | 92.1 | 92.1 | 92.1 | 92.3 | 92.3 |
| ≥ 600 | 67.6 | 81.7 | 84.1 | 85.8 | 88.0 | 88.3 | 90.2 | 91.9 | 92.7 | 93.8 | 94.0 | 94.1 | 94.1 | 94.1 | 94.3 | 94.3 |
| ≥ 500 | 67.6 | 81.7 | 84.1 | 85.9 | 88.2 | 88.6 | 90.8 | 92.6 | 93.4 | 94.7 | 95.0 | 95.1 | 95.1 | 95.1 | 95.4 | 95.7 |
| ≥ 400 | 67.6 | 81.7 | 84.1 | 86.0 | 88.3 | 88.7 | 91.2 | 93.3 | 94.3 | 95.7 | 96.2 | 96.4 | 96.6 | 97.0 | 97.2 | 97.2 |
| ≥ 300 | 67.6 | 81.7 | 84.1 | 86.1 | 88.4 | 88.8 | 91.3 | 93.7 | 94.7 | 96.0 | 96.8 | 97.0 | 97.4 | 98.0 | 98.2 | 98.2 |
| ≥ 200 | 67.6 | 81.7 | 84.1 | 86.1 | 88.4 | 88.8 | 91.3 | 93.9 | 94.9 | 96.3 | 97.1 | 97.6 | 98.1 | 98.7 | 99.1 | 99.4 |
| ≥ 100 | 67.6 | 81.7 | 84.1 | 86.1 | 88.4 | 88.8 | 91.3 | 93.9 | 94.9 | 96.3 | 97.3 | 97.6 | 98.1 | 98.7 | 99.3 | 99.9 |
| ≥ 0 | 67.6 | 81.7 | 84.1 | 86.1 | 88.4 | 88.8 | 91.3 | 93.9 | 94.9 | 96.3 | 97.3 | 97.6 | 98.1 | 98.7 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT ST

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 0 |
| NO CEILING | 43.4 | 45.2 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |
| ≥ 20000 | 49.2 | 51.3 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 18000 | 49.9 | 52.0 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 16000 | 50.4 | 52.9 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 14000 | 51.9 | 54.0 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 12000 | 53.1 | 55.4 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| ≥ 10000 | 55.3 | 57.9 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| ≥ 9000 | 55.8 | 58.4 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 8000 | 57.3 | 60.4 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 7000 | 57.7 | 61.1 | 61.7 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| ≥ 6000 | 57.9 | 61.6 | 62.1 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 5000 | 59.3 | 63.2 | 63.8 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 4500 | 60.1 | 64.1 | 64.7 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 4000 | 61.4 | 66.0 | 66.6 | 66.8 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 3500 | 62.4 | 67.1 | 67.8 | 68.0 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 3000 | 64.7 | 69.6 | 70.2 | 70.4 | 70.5 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 2500 | 66.0 | 71.2 | 71.9 | 72.1 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 2000 | 69.3 | 76.1 | 76.8 | 77.1 | 77.3 | 77.3 | 77.7 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 1800 | 70.3 | 77.6 | 78.2 | 78.7 | 78.9 | 78.9 | 79.2 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 1500 | 72.3 | 81.0 | 81.7 | 82.2 | 82.6 | 82.7 | 83.0 | 83.2 | 83.2 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 1200 | 73.8 | 83.6 | 84.4 | 85.1 | 85.8 | 85.9 | 86.4 | 86.9 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 1000 | 74.0 | 85.0 | 86.4 | 87.1 | 87.9 | 88.1 | 88.7 | 89.1 | 89.1 | 89.7 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 900 | 74.0 | 85.2 | 86.9 | 87.7 | 88.7 | 88.9 | 89.4 | 90.1 | 90.1 | 90.7 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 800 | 74.2 | 85.7 | 87.3 | 88.1 | 89.3 | 89.6 | 90.2 | 90.9 | 90.9 | 91.4 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 700 | 74.3 | 85.9 | 87.6 | 88.3 | 89.7 | 90.1 | 91.3 | 92.1 | 92.3 | 93.1 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 600 | 74.4 | 86.2 | 87.9 | 88.7 | 90.3 | 90.8 | 92.2 | 93.3 | 93.6 | 94.6 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 500 | 74.4 | 86.3 | 88.0 | 88.8 | 90.4 | 91.0 | 92.7 | 94.6 | 95.1 | 96.3 | 97.3 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 |
| ≥ 400 | 74.4 | 86.3 | 88.0 | 88.8 | 90.4 | 91.2 | 93.1 | 95.1 | 95.8 | 97.1 | 98.2 | 98.3 | 98.6 | 98.8 | 98.8 | 98.8 |
| ≥ 300 | 74.4 | 86.3 | 88.0 | 88.8 | 90.4 | 91.2 | 93.1 | 95.1 | 95.9 | 97.4 | 98.8 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 74.4 | 86.3 | 88.0 | 88.8 | 90.4 | 91.2 | 93.1 | 95.1 | 95.9 | 97.4 | 98.9 | 99.0 | 99.0 | 99.8 | 99.9 | 99.9 |
| ≥ 100 | 74.4 | 86.3 | 88.0 | 88.8 | 90.4 | 91.2 | 93.2 | 95.2 | 96.0 | 97.6 | 99.0 | 99.1 | 99.7 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 74.4 | 86.3 | 88.0 | 88.8 | 90.4 | 91.2 | 93.2 | 95.2 | 96.0 | 97.6 | 99.0 | 99.1 | 99.7 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE

STATION NAME

69-78

YEARS

NOV

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|--------|------|-------|------|-------|-------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .15 | ≥ .1 | ≥ 0 |
| NO CEILING | 47.4 | 48.3 | 48.6 | 48.7 | 48.7 | 48.7 | 48.7 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.9 |
| ≥ 20000 | 51.6 | 52.8 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.3 |
| ≥ 18000 | 52.4 | 53.8 | 54.0 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.3 |
| ≥ 16000 | 52.9 | 54.3 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.9 |
| ≥ 14000 | 54.1 | 55.7 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.2 |
| ≥ 12000 | 55.1 | 56.9 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.4 |
| ≥ 10000 | 57.9 | 59.9 | 60.1 | 60.2 | 60.2 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.6 |
| ≥ 9000 | 58.3 | 60.3 | 60.6 | 60.7 | 60.7 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.0 |
| ≥ 8000 | 60.4 | 62.4 | 62.7 | 62.8 | 62.8 | 62.9 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.1 |
| ≥ 7000 | 61.0 | 63.1 | 63.4 | 63.6 | 63.7 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.0 |
| ≥ 6000 | 62.3 | 64.6 | 65.0 | 65.1 | 65.2 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.6 |
| ≥ 5000 | 64.6 | 67.2 | 67.8 | 67.9 | 68.0 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.3 |
| ≥ 4500 | 64.9 | 67.7 | 68.2 | 68.3 | 68.4 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.8 |
| ≥ 4000 | 66.2 | 69.0 | 69.7 | 69.8 | 69.9 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 |
| ≥ 3500 | 68.1 | 71.2 | 72.0 | 72.1 | 72.2 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.6 |
| ≥ 3000 | 69.3 | 72.4 | 73.2 | 73.6 | 74.0 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 |
| ≥ 2500 | 71.1 | 74.8 | 75.6 | 75.9 | 76.3 | 76.4 | 76.4 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 |
| ≥ 2000 | 73.7 | 78.6 | 79.3 | 79.7 | 80.1 | 80.2 | 80.2 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 |
| ≥ 1800 | 74.1 | 79.7 | 80.6 | 80.9 | 81.3 | 81.4 | 81.6 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 |
| ≥ 1500 | 76.9 | 83.6 | 84.7 | 85.1 | 85.8 | 86.0 | 86.2 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 |
| ≥ 1200 | 77.4 | 84.6 | 85.7 | 86.2 | 87.3 | 87.7 | 88.0 | 88.4 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 |
| ≥ 1000 | 77.6 | 85.8 | 86.9 | 87.7 | 89.0 | 89.4 | 90.0 | 90.7 | 90.8 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 |
| ≥ 900 | 77.6 | 86.1 | 87.4 | 88.4 | 89.9 | 90.3 | 91.1 | 91.8 | 91.9 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.6 |
| ≥ 800 | 77.6 | 86.2 | 87.9 | 89.2 | 90.7 | 91.2 | 92.2 | 93.1 | 93.3 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 |
| ≥ 700 | 77.6 | 86.4 | 88.1 | 89.7 | 91.3 | 91.9 | 93.2 | 94.3 | 94.8 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 |
| ≥ 600 | 77.6 | 86.7 | 88.3 | 89.9 | 91.8 | 92.3 | 94.1 | 95.3 | 95.8 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 |
| ≥ 500 | 77.6 | 86.7 | 88.3 | 89.9 | 91.9 | 92.4 | 94.2 | 95.6 | 96.0 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.3 |
| ≥ 400 | 77.6 | 86.7 | 88.3 | 89.9 | 91.9 | 92.4 | 94.4 | 96.3 | 96.9 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.3 |
| ≥ 300 | 77.6 | 86.7 | 88.3 | 89.9 | 91.9 | 92.4 | 94.4 | 96.3 | 97.1 | 98.2 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 99.0 |
| ≥ 200 | 77.6 | 86.7 | 88.3 | 89.9 | 91.9 | 92.4 | 94.4 | 96.4 | 97.4 | 98.8 | 99.3 | 99.4 | 99.4 | 99.6 | 99.7 | 99.8 |
| ≥ 100 | 77.6 | 86.7 | 88.3 | 89.9 | 91.9 | 92.4 | 94.4 | 96.4 | 97.4 | 98.8 | 99.3 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 |
| ≥ 0 | 77.6 | 86.7 | 88.3 | 89.9 | 91.9 | 92.4 | 94.4 | 96.4 | 97.4 | 98.8 | 99.3 | 99.4 | 99.6 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

| CEILING FEET | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|-------|------|-------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 0 |
| NO CEILING | 49.9 | 51.1 | 51.2 | 51.2 | 51.2 | 51.3 | 51.4 | 51.5 | 51.5 | 51.5 | 51.5 | 51.6 | 51.6 | 51.6 | 51.6 | 52.0 |
| ≥ 20000 | 53.0 | 54.2 | 54.3 | 54.3 | 54.3 | 54.4 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 55.1 |
| ≥ 18000 | 53.1 | 54.3 | 54.4 | 54.4 | 54.4 | 54.5 | 54.6 | 54.7 | 54.7 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 55.2 |
| ≥ 16000 | 54.0 | 55.2 | 55.2 | 55.3 | 55.3 | 55.4 | 55.5 | 55.6 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.9 | 56.1 |
| ≥ 14000 | 55.2 | 56.4 | 56.5 | 56.5 | 56.5 | 56.6 | 56.7 | 56.9 | 56.9 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.1 | 57.3 |
| ≥ 12000 | 57.3 | 58.5 | 58.6 | 58.6 | 58.6 | 58.8 | 58.9 | 59.0 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.4 |
| ≥ 10000 | 59.3 | 60.6 | 60.8 | 60.8 | 60.8 | 60.9 | 61.0 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.3 | 61.5 |
| ≥ 9000 | 59.9 | 61.2 | 61.3 | 61.3 | 61.3 | 61.4 | 61.5 | 61.6 | 61.6 | 61.6 | 61.8 | 61.8 | 61.8 | 61.8 | 61.9 | 62.1 |
| ≥ 8000 | 61.4 | 62.8 | 62.9 | 62.9 | 62.9 | 63.0 | 63.1 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 | 63.7 |
| ≥ 7000 | 62.7 | 64.0 | 64.1 | 64.1 | 64.1 | 64.2 | 64.3 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.7 | 64.9 |
| ≥ 6000 | 64.2 | 65.6 | 65.8 | 65.8 | 65.9 | 66.0 | 66.1 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.4 | 66.7 |
| ≥ 5000 | 66.4 | 68.1 | 68.3 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.3 |
| ≥ 4500 | 67.4 | 69.1 | 69.3 | 69.5 | 69.6 | 69.7 | 69.8 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.1 | 70.3 |
| ≥ 4000 | 68.7 | 70.6 | 70.8 | 71.0 | 71.1 | 71.2 | 71.3 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.9 |
| ≥ 3500 | 70.9 | 73.0 | 73.2 | 73.5 | 73.6 | 73.7 | 73.8 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 | 74.4 |
| ≥ 3000 | 72.8 | 75.3 | 75.5 | 75.7 | 75.9 | 76.0 | 76.1 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.7 |
| ≥ 2500 | 73.9 | 76.7 | 77.0 | 77.3 | 77.5 | 77.6 | 77.7 | 77.8 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 78.0 | 78.3 |
| ≥ 2000 | 75.9 | 78.9 | 79.6 | 79.8 | 80.0 | 80.2 | 80.3 | 80.4 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.8 |
| ≥ 1800 | 76.9 | 80.3 | 80.9 | 81.2 | 81.5 | 81.6 | 81.7 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 82.1 | 82.3 |
| ≥ 1500 | 78.1 | 82.5 | 83.3 | 83.7 | 84.3 | 84.4 | 84.7 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 85.1 | 85.3 |
| ≥ 1200 | 78.9 | 84.2 | 85.3 | 85.8 | 86.5 | 86.7 | 87.2 | 87.5 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 88.1 |
| ≥ 1000 | 79.4 | 85.5 | 86.7 | 87.5 | 88.3 | 88.5 | 89.1 | 89.5 | 89.5 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.9 | 90.1 |
| ≥ 900 | 79.5 | 85.8 | 87.2 | 88.1 | 89.2 | 89.4 | 90.0 | 90.4 | 90.6 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 | 91.2 |
| ≥ 800 | 79.6 | 86.1 | 87.6 | 89.0 | 90.6 | 91.0 | 91.8 | 92.3 | 92.5 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.2 |
| ≥ 700 | 79.6 | 86.1 | 87.8 | 89.5 | 91.4 | 91.8 | 92.8 | 93.3 | 93.5 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 94.0 | 94.2 |
| ≥ 600 | 79.6 | 86.1 | 87.8 | 89.9 | 92.0 | 92.3 | 93.5 | 94.1 | 94.3 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 95.1 |
| ≥ 500 | 79.6 | 86.1 | 87.8 | 90.0 | 92.3 | 92.9 | 94.9 | 95.4 | 95.9 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.7 |
| ≥ 400 | 79.6 | 86.1 | 87.8 | 90.0 | 93.0 | 93.8 | 96.1 | 96.9 | 97.3 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.2 |
| ≥ 300 | 79.6 | 86.1 | 87.8 | 90.0 | 93.1 | 93.9 | 96.2 | 97.3 | 98.0 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.2 |
| ≥ 200 | 79.6 | 86.1 | 87.8 | 90.0 | 93.1 | 93.9 | 96.2 | 97.3 | 98.0 | 98.6 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.4 |
| ≥ 100 | 79.6 | 86.1 | 87.8 | 90.0 | 93.1 | 93.9 | 96.2 | 97.3 | 98.0 | 98.6 | 98.9 | 98.9 | 98.9 | 99.2 | 99.3 | 99.4 |
| ≥ 0 | 79.6 | 86.1 | 87.8 | 90.0 | 93.1 | 93.9 | 96.2 | 97.3 | 98.0 | 98.6 | 98.9 | 98.9 | 98.9 | 99.2 | 99.3 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|---------|---------|------|-------|-------|-------|-------|--------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 1/32 | ≥ 0 |
| NO CEILING | 52.0 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 55.0 | 55.1 | 55.4 |
| ≥ 20000 | 54.7 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.9 | 57.0 | 57.3 |
| ≥ 18000 | 55.0 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.1 | 57.2 | 57.5 |
| ≥ 16000 | 55.1 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 | 57.3 | 57.6 |
| ≥ 14000 | 55.9 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.7 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 58.0 | 58.1 | 58.4 |
| ≥ 12000 | 57.7 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.6 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.9 | 60.0 | 60.3 |
| ≥ 10000 | 59.8 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.6 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.9 | 62.0 | 62.3 |
| IV 9000 | 60.6 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.5 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.8 | 62.9 | 63.2 |
| ≥ 8000 | 62.4 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.7 | 64.8 | 65.1 |
| IV 7000 | 64.2 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.4 | 66.6 | 66.9 |
| ≥ 6000 | 65.2 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 | 67.6 | 67.9 |
| IV 5000 | 67.1 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.3 | 69.5 | 69.8 |
| ≥ 4500 | 67.8 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.1 | 70.2 | 70.6 |
| IV 4000 | 69.8 | 71.6 | 71.7 | 71.8 | 71.8 | 71.8 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 | 72.4 | 72.7 |
| ≥ 3500 | 71.1 | 72.9 | 73.0 | 73.1 | 73.1 | 73.1 | 73.3 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.7 | 73.8 | 74.1 |
| IV 3000 | 73.1 | 75.0 | 75.1 | 75.3 | 75.3 | 75.3 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.8 | 75.9 | 76.3 |
| ≥ 2500 | 74.1 | 76.0 | 76.4 | 76.5 | 76.5 | 76.5 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.1 | 77.3 | 77.6 |
| IV 2000 | 76.1 | 78.0 | 78.4 | 78.7 | 78.8 | 78.8 | 79.3 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.7 | 79.8 | 80.2 |
| ≥ 1800 | 76.4 | 78.4 | 78.7 | 79.0 | 79.2 | 79.2 | 79.6 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.2 | 80.5 |
| IV 1500 | 77.6 | 80.8 | 81.4 | 81.8 | 81.9 | 81.9 | 82.4 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.1 | 83.2 | 83.5 |
| ≥ 1200 | 78.7 | 82.8 | 83.6 | 84.1 | 84.3 | 84.3 | 84.8 | 85.4 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.7 | 85.8 | 86.2 |
| IV 1000 | 79.5 | 84.3 | 85.2 | 85.6 | 86.1 | 86.2 | 86.8 | 87.4 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 87.8 | 88.2 |
| ≥ 900 | 79.7 | 85.1 | 86.0 | 86.6 | 87.2 | 87.6 | 88.4 | 89.0 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.3 | 89.4 | 89.7 |
| IV 800 | 79.7 | 85.4 | 86.3 | 87.6 | 88.2 | 88.7 | 89.5 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.5 | 90.9 |
| ≥ 700 | 79.8 | 85.8 | 87.3 | 88.9 | 89.6 | 90.3 | 91.2 | 91.9 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.2 | 92.3 | 92.6 |
| IV 600 | 79.8 | 85.8 | 87.7 | 89.4 | 90.4 | 91.2 | 92.1 | 92.8 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1 | 93.2 | 93.5 |
| ≥ 500 | 79.8 | 86.0 | 88.0 | 90.0 | 91.5 | 92.4 | 93.3 | 94.2 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.5 | 94.6 | 95.0 |
| IV 400 | 79.8 | 86.0 | 88.0 | 90.1 | 91.8 | 92.8 | 94.2 | 95.4 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.2 | 96.5 |
| ≥ 300 | 79.8 | 86.0 | 88.0 | 90.1 | 91.9 | 92.9 | 94.5 | 96.2 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.4 | 97.8 |
| IV 200 | 79.8 | 86.0 | 88.0 | 90.1 | 91.9 | 92.9 | 94.6 | 96.5 | 97.3 | 97.9 | 98.0 | 98.0 | 98.0 | 98.2 | 98.3 | 98.9 |
| ≥ 100 | 79.8 | 86.0 | 88.0 | 90.1 | 91.9 | 92.9 | 94.6 | 96.5 | 97.3 | 97.9 | 98.0 | 98.0 | 98.0 | 98.2 | 98.3 | 98.9 |
| IV 0 | 79.8 | 86.0 | 88.0 | 90.1 | 91.9 | 92.9 | 94.6 | 96.5 | 97.3 | 97.9 | 98.0 | 98.0 | 98.0 | 98.2 | 98.3 | 99.0 |

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-74
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 46.7 | 48.8 | 49.1 | 49.3 | 49.6 | 49.6 | 49.8 | 50.0 | 50.0 | 50.0 | 50.2 | 50.2 | 50.3 | 50.3 | 50.4 | 50.7 |
| ≥ 20000 | 50.1 | 52.4 | 52.7 | 52.9 | 53.2 | 53.3 | 53.5 | 53.6 | 53.6 | 53.7 | 53.8 | 53.8 | 53.9 | 53.9 | 54.1 | 54.4 |
| ≥ 18000 | 50.5 | 52.9 | 53.2 | 53.4 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.3 | 54.3 | 54.4 | 54.5 | 54.6 | 54.9 |
| ≥ 16000 | 51.1 | 53.5 | 53.8 | 54.0 | 54.3 | 54.4 | 54.6 | 54.7 | 54.8 | 54.8 | 54.9 | 54.9 | 55.0 | 55.1 | 55.2 | 55.5 |
| ≥ 14000 | 51.8 | 54.1 | 54.5 | 54.8 | 55.1 | 55.2 | 55.4 | 55.5 | 55.5 | 55.6 | 55.7 | 55.7 | 55.8 | 55.8 | 56.0 | 56.3 |
| ≥ 12000 | 53.2 | 55.6 | 55.9 | 56.1 | 56.4 | 56.5 | 56.8 | 56.9 | 56.9 | 56.9 | 57.1 | 57.1 | 57.2 | 57.2 | 57.4 | 57.7 |
| ≥ 10000 | 55.3 | 57.9 | 58.2 | 58.4 | 58.7 | 58.8 | 59.1 | 59.2 | 59.2 | 59.3 | 59.4 | 59.4 | 59.5 | 59.5 | 59.7 | 60.0 |
| ≥ 9000 | 55.9 | 58.5 | 58.8 | 59.0 | 59.3 | 59.5 | 59.7 | 59.8 | 59.8 | 59.9 | 60.0 | 60.0 | 60.1 | 60.1 | 60.3 | 60.6 |
| ≥ 8000 | 57.6 | 60.3 | 60.6 | 60.8 | 61.1 | 61.3 | 61.5 | 61.6 | 61.6 | 61.7 | 61.8 | 61.8 | 61.9 | 62.0 | 62.1 | 62.4 |
| ≥ 7000 | 58.3 | 61.1 | 61.5 | 61.7 | 62.1 | 62.2 | 62.4 | 62.6 | 62.6 | 62.6 | 62.8 | 62.8 | 62.9 | 62.9 | 63.1 | 63.3 |
| ≥ 6000 | 59.3 | 62.3 | 62.7 | 62.9 | 63.3 | 63.4 | 63.6 | 63.8 | 63.8 | 63.8 | 64.0 | 64.0 | 64.1 | 64.1 | 64.2 | 64.5 |
| ≥ 5000 | 61.2 | 64.4 | 64.9 | 65.1 | 65.5 | 65.6 | 65.9 | 66.0 | 66.0 | 66.1 | 66.2 | 66.2 | 66.3 | 66.3 | 66.5 | 66.8 |
| ≥ 4500 | 62.0 | 65.3 | 65.8 | 66.0 | 66.4 | 66.5 | 66.8 | 66.9 | 66.9 | 67.0 | 67.1 | 67.1 | 67.2 | 67.3 | 67.4 | 67.7 |
| ≥ 4000 | 63.4 | 66.8 | 67.3 | 67.6 | 68.1 | 68.2 | 68.4 | 68.6 | 68.6 | 68.6 | 68.8 | 68.8 | 68.9 | 68.9 | 69.1 | 69.4 |
| ≥ 3500 | 64.7 | 68.3 | 68.8 | 69.1 | 69.6 | 69.7 | 69.9 | 70.1 | 70.1 | 70.1 | 70.3 | 70.3 | 70.4 | 70.4 | 70.6 | 70.9 |
| ≥ 3000 | 66.2 | 70.0 | 70.5 | 70.9 | 71.4 | 71.6 | 71.9 | 72.0 | 72.0 | 72.1 | 72.2 | 72.2 | 72.4 | 72.4 | 72.5 | 72.8 |
| ≥ 2500 | 67.4 | 71.5 | 72.1 | 72.5 | 73.0 | 73.2 | 73.5 | 73.7 | 73.7 | 73.7 | 73.9 | 73.9 | 74.0 | 74.0 | 74.2 | 74.5 |
| ≥ 2000 | 69.6 | 74.3 | 75.0 | 75.5 | 76.1 | 76.2 | 76.6 | 76.9 | 76.9 | 77.0 | 77.1 | 77.1 | 77.2 | 77.3 | 77.4 | 77.7 |
| ≥ 1800 | 70.2 | 75.2 | 76.0 | 76.5 | 77.1 | 77.2 | 77.7 | 77.9 | 78.0 | 78.1 | 78.2 | 78.2 | 78.3 | 78.4 | 78.5 | 78.8 |
| ≥ 1500 | 72.0 | 78.1 | 79.1 | 79.7 | 80.4 | 80.6 | 81.1 | 81.5 | 81.6 | 81.7 | 81.9 | 81.9 | 82.0 | 82.0 | 82.2 | 82.5 |
| ≥ 1200 | 73.5 | 80.5 | 81.7 | 82.4 | 83.3 | 83.5 | 84.2 | 84.7 | 84.8 | 84.9 | 85.1 | 85.1 | 85.3 | 85.3 | 85.4 | 85.7 |
| ≥ 1000 | 74.2 | 82.1 | 83.6 | 84.4 | 85.5 | 85.8 | 86.5 | 87.2 | 87.3 | 87.6 | 87.8 | 87.8 | 88.0 | 88.0 | 88.1 | 88.4 |
| 900 | 74.4 | 82.7 | 84.2 | 85.2 | 86.4 | 86.8 | 87.6 | 88.3 | 88.4 | 88.8 | 89.1 | 89.1 | 89.2 | 89.2 | 89.4 | 89.7 |
| 800 | 74.4 | 83.2 | 84.9 | 86.2 | 87.6 | 88.0 | 88.9 | 89.7 | 89.9 | 90.3 | 90.6 | 90.6 | 90.8 | 90.8 | 90.9 | 91.3 |
| 700 | 74.5 | 83.4 | 85.3 | 86.9 | 88.7 | 89.1 | 90.3 | 91.2 | 91.5 | 91.9 | 92.2 | 92.3 | 92.4 | 92.4 | 92.6 | 92.9 |
| 600 | 74.5 | 83.5 | 85.5 | 87.2 | 89.4 | 89.9 | 91.3 | 92.5 | 92.8 | 93.4 | 93.8 | 93.8 | 94.0 | 94.0 | 94.1 | 94.4 |
| 500 | 74.5 | 83.6 | 85.7 | 87.5 | 90.0 | 90.6 | 92.3 | 93.6 | 94.0 | 94.7 | 95.1 | 95.2 | 95.4 | 95.5 | 95.6 | 95.9 |
| 400 | 74.5 | 83.6 | 85.7 | 87.6 | 90.2 | 91.0 | 92.9 | 94.5 | 95.0 | 95.8 | 96.3 | 96.4 | 96.7 | 96.8 | 97.0 | 97.3 |
| 300 | 74.5 | 83.6 | 85.7 | 87.6 | 90.4 | 91.2 | 93.2 | 95.0 | 95.7 | 96.6 | 97.3 | 97.4 | 97.8 | 98.0 | 98.2 | 98.5 |
| 200 | 74.5 | 83.6 | 85.7 | 87.7 | 90.4 | 91.2 | 93.3 | 95.2 | 96.0 | 97.0 | 97.9 | 98.0 | 98.6 | 98.7 | 99.1 | 99.5 |
| 100 | 74.5 | 83.6 | 85.7 | 87.7 | 90.4 | 91.2 | 93.3 | 95.2 | 96.0 | 97.1 | 97.9 | 98.1 | 98.7 | 98.8 | 99.2 | 99.7 |
| 0 | 74.5 | 83.6 | 85.7 | 87.7 | 90.4 | 91.2 | 93.3 | 95.2 | 96.0 | 97.1 | 97.9 | 98.1 | 98.7 | 98.8 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2194

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

68-77
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS IL

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .01 | ≥ 0 |
| NO CEILING ≥ 20000 | 46.9 | 50.3 | 50.3 | 50.9 | 51.5 | 51.5 | 52.0 | 52.5 | 52.5 | 52.6 | 52.9 | 52.9 | 53.2 | 53.3 | 53.5 | 53.8 |
| ≥ 18000 | 48.6 | 52.2 | 52.2 | 52.7 | 53.3 | 53.3 | 53.9 | 54.3 | 54.3 | 54.4 | 54.7 | 54.7 | 55.1 | 55.2 | 55.4 | 55.6 |
| ≥ 16000 | 48.7 | 52.3 | 52.3 | 52.8 | 53.4 | 53.4 | 54.0 | 54.4 | 54.4 | 54.5 | 54.8 | 54.8 | 55.2 | 55.3 | 55.5 | 55.7 |
| ≥ 14000 | 49.2 | 53.0 | 53.0 | 53.5 | 54.2 | 54.2 | 54.7 | 55.2 | 55.2 | 55.3 | 55.6 | 55.6 | 55.9 | 56.0 | 56.2 | 56.5 |
| ≥ 12000 | 50.3 | 54.1 | 54.1 | 54.6 | 55.3 | 55.3 | 55.8 | 56.2 | 56.2 | 56.3 | 56.7 | 56.7 | 57.0 | 57.1 | 57.3 | 57.5 |
| ≥ 10000 | 50.5 | 54.3 | 54.3 | 54.8 | 55.5 | 55.5 | 56.1 | 56.6 | 56.6 | 56.7 | 57.0 | 57.0 | 57.3 | 57.4 | 57.6 | 57.8 |
| ≥ 9000 | 52.8 | 56.9 | 56.9 | 57.4 | 58.2 | 58.2 | 58.8 | 59.2 | 59.2 | 59.4 | 59.7 | 59.7 | 60.0 | 60.1 | 60.3 | 60.5 |
| ≥ 8000 | 53.3 | 57.4 | 57.4 | 58.0 | 58.7 | 58.7 | 59.4 | 59.8 | 59.8 | 59.9 | 60.2 | 60.2 | 60.5 | 60.6 | 60.9 | 61.1 |
| ≥ 7000 | 54.4 | 58.5 | 58.5 | 59.0 | 59.8 | 59.8 | 60.4 | 60.9 | 60.9 | 61.0 | 61.3 | 61.3 | 61.6 | 61.7 | 61.9 | 62.2 |
| ≥ 6000 | 55.0 | 59.7 | 59.7 | 60.2 | 61.0 | 61.0 | 61.6 | 62.0 | 62.0 | 62.2 | 62.5 | 62.5 | 62.8 | 62.9 | 63.1 | 63.3 |
| ≥ 5000 | 57.2 | 61.3 | 61.3 | 61.8 | 62.6 | 62.6 | 63.2 | 63.7 | 63.7 | 63.8 | 64.1 | 64.1 | 64.4 | 64.5 | 64.7 | 64.9 |
| ≥ 4500 | 58.0 | 62.0 | 62.0 | 62.6 | 63.3 | 63.3 | 64.0 | 64.4 | 64.4 | 64.5 | 64.8 | 64.8 | 65.2 | 65.3 | 65.5 | 65.7 |
| ≥ 4000 | 58.6 | 62.8 | 62.8 | 63.3 | 64.1 | 64.1 | 65.1 | 65.5 | 65.5 | 65.6 | 65.9 | 65.9 | 66.2 | 66.3 | 66.6 | 66.8 |
| ≥ 3500 | 58.9 | 63.2 | 63.2 | 63.8 | 64.5 | 64.5 | 65.6 | 66.0 | 66.0 | 66.1 | 66.5 | 66.5 | 66.8 | 66.9 | 67.1 | 67.3 |
| ≥ 3000 | 59.8 | 64.8 | 64.8 | 65.4 | 66.1 | 66.1 | 67.2 | 67.6 | 67.6 | 67.7 | 68.1 | 68.1 | 68.4 | 68.5 | 68.7 | 68.9 |
| ≥ 2500 | 60.5 | 66.0 | 66.0 | 66.6 | 67.3 | 67.3 | 68.5 | 68.9 | 68.9 | 69.0 | 69.4 | 69.4 | 69.7 | 69.8 | 70.0 | 70.2 |
| ≥ 2000 | 61.0 | 67.0 | 67.0 | 67.7 | 68.5 | 68.5 | 69.7 | 70.1 | 70.1 | 70.2 | 70.5 | 70.5 | 70.9 | 71.0 | 71.2 | 71.4 |
| ≥ 1800 | 61.6 | 68.5 | 68.5 | 69.6 | 70.5 | 70.5 | 71.7 | 72.2 | 72.2 | 72.3 | 72.6 | 72.6 | 72.9 | 73.0 | 73.2 | 73.4 |
| ≥ 1500 | 61.9 | 69.2 | 69.2 | 70.3 | 71.4 | 71.4 | 72.6 | 73.0 | 73.0 | 73.1 | 73.4 | 73.4 | 73.8 | 73.9 | 74.1 | 74.3 |
| ≥ 1200 | 63.1 | 70.2 | 70.2 | 71.4 | 72.0 | 72.0 | 73.1 | 73.2 | 73.2 | 73.3 | 73.5 | 73.5 | 73.8 | 73.9 | 74.1 | 74.3 |
| ≥ 1000 | 64.9 | 74.2 | 74.2 | 75.4 | 76.1 | 76.1 | 77.2 | 77.5 | 77.5 | 77.6 | 77.7 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 900 | 65.2 | 75.1 | 75.1 | 76.4 | 77.0 | 77.0 | 78.1 | 78.4 | 78.4 | 78.5 | 78.6 | 78.6 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 800 | 65.3 | 75.0 | 75.0 | 76.3 | 76.9 | 76.9 | 78.0 | 78.3 | 78.3 | 78.4 | 78.5 | 78.5 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 700 | 65.3 | 76.6 | 76.6 | 77.9 | 78.1 | 78.1 | 79.2 | 79.5 | 79.5 | 79.6 | 79.7 | 79.7 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 600 | 65.3 | 77.0 | 77.0 | 78.3 | 78.5 | 78.5 | 79.6 | 79.9 | 79.9 | 80.0 | 80.1 | 80.1 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 500 | 65.5 | 77.4 | 77.4 | 78.7 | 78.9 | 78.9 | 80.0 | 80.3 | 80.3 | 80.4 | 80.5 | 80.5 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 400 | 65.5 | 77.5 | 77.5 | 78.8 | 79.0 | 79.0 | 80.1 | 80.4 | 80.4 | 80.5 | 80.6 | 80.6 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 300 | 65.5 | 77.8 | 77.8 | 79.1 | 79.3 | 79.3 | 80.4 | 80.7 | 80.7 | 80.8 | 80.9 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 200 | 65.5 | 77.8 | 77.8 | 79.1 | 79.3 | 79.3 | 80.4 | 80.7 | 80.7 | 80.8 | 80.9 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 100 | 65.5 | 77.8 | 77.8 | 79.1 | 79.3 | 79.3 | 80.4 | 80.7 | 80.7 | 80.8 | 80.9 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 0 | 65.5 | 77.8 | 77.8 | 79.1 | 79.3 | 79.3 | 80.4 | 80.7 | 80.7 | 80.8 | 80.9 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

68-77
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LT

| CEILING FEET | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 40.3 | 50.8 | 51.3 | 51.8 | 52.4 | 52.4 | 52.5 | 52.6 | 52.7 | 53.0 | 53.1 | 53.1 | 53.2 | 53.2 | 53.5 | 53.7 |
| ≥ 20000 | 48.2 | 52.7 | 53.2 | 53.8 | 54.3 | 54.3 | 54.4 | 54.5 | 54.6 | 54.9 | 55.1 | 55.1 | 55.2 | 55.2 | 55.5 | 55.6 |
| ≥ 18000 | 48.2 | 52.8 | 53.3 | 53.9 | 54.4 | 54.4 | 54.5 | 54.6 | 54.7 | 55.1 | 55.2 | 55.2 | 55.3 | 55.3 | 55.6 | 55.7 |
| ≥ 16000 | 48.3 | 53.0 | 53.5 | 54.1 | 54.6 | 54.6 | 54.7 | 54.8 | 54.9 | 55.3 | 55.4 | 55.4 | 55.5 | 55.5 | 55.8 | 55.9 |
| ≥ 14000 | 48.4 | 53.1 | 53.7 | 54.2 | 54.7 | 54.7 | 54.8 | 54.9 | 55.1 | 55.4 | 55.5 | 55.5 | 55.6 | 55.6 | 55.9 | 56.0 |
| ≥ 12000 | 48.9 | 53.7 | 54.2 | 54.7 | 55.3 | 55.3 | 55.4 | 55.5 | 55.6 | 55.9 | 56.0 | 56.0 | 56.1 | 56.1 | 56.5 | 56.6 |
| ≥ 10000 | 51.0 | 56.0 | 56.6 | 57.1 | 57.6 | 57.6 | 57.7 | 57.8 | 58.0 | 58.3 | 58.4 | 58.4 | 58.5 | 58.5 | 58.8 | 58.9 |
| ≥ 9000 | 51.3 | 56.3 | 56.9 | 57.4 | 58.0 | 58.0 | 58.1 | 58.2 | 58.3 | 58.6 | 58.7 | 58.7 | 58.8 | 58.8 | 59.1 | 59.2 |
| ≥ 8000 | 52.8 | 58.0 | 58.5 | 59.0 | 59.7 | 59.7 | 59.9 | 60.1 | 60.2 | 60.5 | 60.6 | 60.6 | 60.8 | 60.8 | 61.1 | 61.2 |
| ≥ 7000 | 53.4 | 58.7 | 59.2 | 59.8 | 60.4 | 60.4 | 60.8 | 61.0 | 61.1 | 61.4 | 61.5 | 61.5 | 61.6 | 61.6 | 61.9 | 62.0 |
| ≥ 6000 | 54.1 | 59.6 | 60.1 | 60.6 | 61.3 | 61.3 | 61.6 | 61.8 | 62.0 | 62.4 | 62.5 | 62.5 | 62.6 | 62.6 | 62.9 | 63.0 |
| ≥ 5000 | 54.9 | 60.4 | 61.0 | 61.6 | 62.3 | 62.3 | 62.6 | 62.8 | 63.0 | 63.3 | 63.4 | 63.4 | 63.5 | 63.5 | 63.9 | 64.0 |
| ≥ 4500 | 55.4 | 60.9 | 61.4 | 62.0 | 62.7 | 62.7 | 63.0 | 63.2 | 63.4 | 63.8 | 63.9 | 63.9 | 64.0 | 64.0 | 64.3 | 64.4 |
| ≥ 4000 | 56.7 | 62.3 | 62.8 | 63.5 | 64.2 | 64.2 | 64.5 | 64.7 | 64.9 | 65.3 | 65.4 | 65.4 | 65.5 | 65.5 | 65.8 | 65.9 |
| ≥ 3500 | 57.0 | 63.0 | 63.5 | 64.3 | 64.9 | 64.9 | 65.3 | 65.5 | 65.7 | 66.0 | 66.1 | 66.1 | 66.2 | 66.2 | 66.6 | 66.7 |
| ≥ 3000 | 58.0 | 64.2 | 64.8 | 65.6 | 66.2 | 66.2 | 66.6 | 66.8 | 67.0 | 67.3 | 67.4 | 67.4 | 67.5 | 67.5 | 67.8 | 68.0 |
| ≥ 2500 | 58.2 | 65.3 | 65.9 | 66.8 | 67.4 | 67.4 | 67.7 | 68.0 | 68.2 | 68.5 | 68.6 | 68.6 | 68.7 | 68.7 | 69.0 | 69.1 |
| ≥ 2000 | 59.6 | 67.3 | 68.0 | 68.9 | 69.9 | 69.9 | 70.3 | 70.5 | 70.9 | 71.2 | 71.3 | 71.3 | 71.4 | 71.4 | 71.7 | 71.8 |
| ≥ 1800 | 59.8 | 67.7 | 68.6 | 69.7 | 70.8 | 70.8 | 71.2 | 71.4 | 71.7 | 72.0 | 72.2 | 72.2 | 72.3 | 72.3 | 72.6 | 72.7 |
| ≥ 1500 | 60.5 | 69.4 | 70.8 | 71.8 | 73.2 | 73.2 | 73.8 | 74.1 | 74.4 | 74.7 | 74.8 | 74.8 | 74.9 | 74.9 | 75.3 | 75.4 |
| ≥ 1200 | 61.5 | 71.5 | 73.0 | 74.1 | 76.2 | 76.3 | 77.1 | 77.5 | 77.8 | 78.2 | 78.3 | 78.3 | 78.4 | 78.4 | 78.7 | 78.8 |
| ≥ 1000 | 61.6 | 71.9 | 73.2 | 75.5 | 77.7 | 78.0 | 79.2 | 79.8 | 80.4 | 80.8 | 80.9 | 80.9 | 81.0 | 81.0 | 81.3 | 81.4 |
| ≥ 900 | 61.7 | 73.1 | 75.8 | 77.3 | 79.7 | 80.0 | 81.3 | 81.9 | 82.8 | 83.1 | 83.2 | 83.2 | 83.3 | 83.3 | 83.7 | 83.8 |
| ≥ 800 | 62.0 | 73.7 | 76.7 | 78.4 | 81.1 | 81.4 | 82.8 | 83.5 | 84.6 | 84.9 | 85.1 | 85.3 | 85.4 | 85.4 | 85.7 | 85.8 |
| ≥ 700 | 62.2 | 74.2 | 77.4 | 79.5 | 82.6 | 83.3 | 84.8 | 85.9 | 87.0 | 87.3 | 87.7 | 87.7 | 87.8 | 87.8 | 88.2 | 88.3 |
| ≥ 600 | 62.2 | 74.3 | 77.5 | 79.8 | 83.2 | 84.2 | 85.9 | 87.1 | 88.4 | 88.9 | 89.7 | 89.7 | 89.8 | 89.8 | 90.1 | 90.2 |
| ≥ 500 | 62.2 | 74.4 | 77.6 | 80.4 | 84.3 | 85.5 | 87.5 | 89.5 | 90.9 | 91.4 | 92.2 | 92.3 | 92.4 | 92.5 | 92.8 | 92.9 |
| ≥ 400 | 62.2 | 74.4 | 77.7 | 81.1 | 85.1 | 86.6 | 89.2 | 91.5 | 93.0 | 93.8 | 94.6 | 94.8 | 94.9 | 95.1 | 95.4 | 95.5 |
| ≥ 300 | 62.2 | 74.4 | 77.7 | 81.1 | 85.1 | 86.8 | 89.6 | 91.9 | 93.7 | 94.8 | 95.9 | 96.1 | 96.3 | 96.6 | 96.9 | 97.2 |
| ≥ 200 | 62.2 | 74.4 | 77.7 | 81.1 | 85.2 | 86.9 | 89.7 | 92.0 | 94.0 | 95.5 | 96.6 | 96.8 | 97.0 | 97.2 | 97.7 | 98.3 |
| ≥ 100 | 62.2 | 74.4 | 77.7 | 81.1 | 85.2 | 86.9 | 89.7 | 92.0 | 94.0 | 95.5 | 96.6 | 96.8 | 97.2 | 97.4 | 98.1 | 99.1 |
| ≥ 0 | 62.2 | 74.4 | 77.7 | 81.1 | 85.2 | 86.9 | 89.7 | 92.0 | 94.0 | 95.5 | 96.6 | 96.8 | 97.2 | 97.4 | 98.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

68-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|-------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.4 | ≥ 1 | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ 0 |
| NO CEILING | 42.3 | 46.3 | 47.4 | 47.6 | 48.2 | 48.2 | 48.4 | 48.5 | 48.5 | 48.5 | 48.6 | 48.6 | 48.7 | 48.7 | 48.7 | 48.9 |
| ≥ 20000 | 46.0 | 50.1 | 51.2 | 51.4 | 51.9 | 51.9 | 52.5 | 52.6 | 52.6 | 52.6 | 52.7 | 52.7 | 52.8 | 52.8 | 52.8 | 53.0 |
| ≥ 18000 | 46.3 | 50.5 | 51.6 | 51.8 | 52.4 | 52.4 | 52.9 | 53.0 | 53.0 | 53.0 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.4 |
| ≥ 16000 | 46.7 | 50.9 | 51.9 | 52.2 | 52.7 | 52.7 | 53.2 | 53.3 | 53.3 | 53.3 | 53.4 | 53.4 | 53.5 | 53.5 | 53.5 | 53.8 |
| ≥ 14000 | 47.4 | 51.6 | 52.7 | 52.9 | 53.4 | 53.4 | 54.0 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.3 | 54.3 | 54.3 | 54.5 |
| ≥ 12000 | 48.5 | 52.7 | 53.8 | 54.0 | 54.5 | 54.5 | 55.1 | 55.2 | 55.2 | 55.2 | 55.3 | 55.3 | 55.4 | 55.4 | 55.4 | 55.6 |
| ≥ 10000 | 50.6 | 55.1 | 56.1 | 56.3 | 56.9 | 56.9 | 57.4 | 57.5 | 57.5 | 57.5 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 58.0 |
| ≥ 9000 | 50.6 | 55.1 | 56.1 | 56.3 | 56.9 | 56.9 | 57.4 | 57.5 | 57.5 | 57.5 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 58.0 |
| ≥ 8000 | 52.3 | 57.1 | 58.2 | 58.4 | 58.9 | 58.9 | 59.5 | 59.6 | 59.6 | 59.6 | 59.7 | 59.7 | 59.8 | 59.8 | 59.8 | 60.0 |
| ≥ 7000 | 53.3 | 58.4 | 59.5 | 59.7 | 60.2 | 60.2 | 60.8 | 60.9 | 60.9 | 60.9 | 61.0 | 61.0 | 61.1 | 61.1 | 61.1 | 61.3 |
| ≥ 6000 | 54.4 | 59.8 | 60.9 | 61.1 | 61.6 | 61.7 | 62.3 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.8 |
| ≥ 5000 | 55.1 | 60.6 | 61.8 | 62.0 | 62.6 | 62.7 | 63.2 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 | 63.8 |
| ≥ 4500 | 55.5 | 61.1 | 62.3 | 62.5 | 63.0 | 63.1 | 63.7 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 64.0 | 64.0 | 64.0 | 64.2 |
| ≥ 4000 | 56.5 | 62.0 | 63.3 | 63.8 | 64.4 | 64.5 | 65.1 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.6 |
| ≥ 3500 | 57.3 | 62.9 | 64.2 | 64.6 | 65.3 | 65.4 | 65.9 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.5 |
| ≥ 3000 | 58.1 | 64.2 | 65.6 | 66.0 | 66.7 | 66.8 | 67.3 | 67.4 | 67.4 | 67.4 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.8 |
| ≥ 2500 | 59.0 | 66.2 | 68.0 | 68.5 | 69.1 | 69.2 | 69.8 | 70.0 | 70.0 | 70.0 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.4 |
| ≥ 2000 | 60.8 | 68.4 | 70.4 | 71.1 | 71.8 | 71.9 | 72.7 | 72.9 | 73.0 | 73.0 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.4 |
| ≥ 1800 | 61.0 | 68.6 | 70.6 | 71.3 | 72.0 | 72.2 | 72.9 | 73.1 | 73.2 | 73.2 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.7 |
| ≥ 1500 | 61.4 | 69.0 | 71.9 | 72.9 | 74.1 | 74.2 | 75.2 | 75.7 | 75.8 | 75.8 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.2 |
| ≥ 1200 | 62.0 | 72.3 | 74.9 | 75.9 | 77.3 | 77.5 | 78.5 | 79.1 | 79.2 | 79.2 | 79.5 | 79.5 | 79.7 | 79.7 | 79.7 | 79.9 |
| ≥ 1000 | 62.2 | 73.1 | 76.1 | 77.5 | 79.1 | 79.5 | 80.6 | 81.5 | 81.6 | 81.7 | 81.9 | 81.9 | 82.2 | 82.2 | 82.2 | 82.6 |
| ≥ 900 | 62.2 | 74.3 | 78.0 | 79.9 | 81.7 | 82.0 | 83.3 | 84.2 | 84.3 | 84.5 | 84.7 | 84.7 | 84.9 | 84.9 | 84.9 | 85.2 |
| ≥ 800 | 62.4 | 74.9 | 79.1 | 81.3 | 83.3 | 83.7 | 84.9 | 85.9 | 86.0 | 86.3 | 86.8 | 86.9 | 87.2 | 87.2 | 87.2 | 87.4 |
| ≥ 700 | 62.4 | 74.9 | 79.5 | 81.7 | 84.2 | 84.7 | 86.5 | 87.5 | 87.6 | 88.0 | 88.4 | 88.5 | 88.9 | 88.9 | 88.9 | 89.1 |
| ≥ 600 | 62.4 | 74.9 | 79.7 | 82.3 | 85.1 | 85.8 | 87.8 | 89.2 | 89.4 | 90.0 | 90.8 | 90.9 | 91.4 | 91.4 | 91.4 | 91.6 |
| ≥ 500 | 62.4 | 74.9 | 79.9 | 82.5 | 85.4 | 86.3 | 88.8 | 91.2 | 91.4 | 92.3 | 93.0 | 93.1 | 93.7 | 93.7 | 93.7 | 93.9 |
| ≥ 400 | 62.4 | 75.1 | 80.0 | 82.6 | 85.7 | 86.9 | 90.1 | 92.7 | 92.9 | 94.1 | 94.8 | 94.9 | 95.5 | 95.5 | 95.5 | 95.7 |
| ≥ 300 | 62.4 | 75.2 | 80.1 | 82.7 | 86.0 | 87.2 | 90.8 | 93.8 | 94.2 | 95.5 | 96.3 | 96.5 | 97.1 | 97.1 | 97.2 | 97.8 |
| ≥ 200 | 62.4 | 75.2 | 80.1 | 82.7 | 86.0 | 87.2 | 90.8 | 93.8 | 94.2 | 95.6 | 96.7 | 96.8 | 97.8 | 98.0 | 98.1 | 98.7 |
| ≥ 100 | 62.4 | 75.2 | 80.1 | 82.7 | 86.0 | 87.2 | 90.8 | 93.8 | 94.2 | 95.6 | 96.7 | 96.8 | 98.0 | 98.1 | 98.3 | 99.6 |
| ≥ 0 | 62.4 | 75.2 | 80.1 | 82.7 | 86.0 | 87.2 | 90.8 | 93.8 | 94.2 | 95.6 | 96.7 | 96.8 | 98.0 | 98.2 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC

FORM 1-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

08-77
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS TEST

| CEILING, FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|---------------------------|------|------|------|------|-------|------|-------|------|------|------|------|------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .2 | ≥ .1 | ≥ .05 | ≥ .01 | ≥ 0 |
| NO CEILING ≥ 20000 | 38.8 | 44.2 | 44.9 | 45.5 | 45.9 | 46.0 | 46.6 | 46.6 | 46.6 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 47.1 |
| ≥ 18000 | 43.9 | 49.4 | 50.4 | 51.0 | 51.5 | 51.6 | 52.2 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.7 |
| ≥ 16000 | 44.2 | 49.7 | 50.8 | 51.3 | 51.6 | 51.9 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 53.0 |
| ≥ 14000 | 44.4 | 49.9 | 51.0 | 51.5 | 52.0 | 52.2 | 52.7 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 53.2 |
| ≥ 12000 | 44.7 | 50.2 | 51.4 | 51.9 | 52.5 | 52.6 | 53.1 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.7 |
| ≥ 10000 | 46.1 | 52.0 | 53.2 | 53.8 | 54.3 | 54.4 | 54.9 | 54.9 | 54.9 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.5 |
| ≥ 9000 | 48.1 | 54.2 | 55.4 | 56.0 | 56.6 | 56.7 | 57.2 | 57.2 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.7 |
| ≥ 8000 | 48.7 | 54.8 | 56.0 | 56.7 | 57.2 | 57.3 | 57.8 | 57.8 | 57.8 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.4 |
| ≥ 7000 | 49.5 | 55.9 | 57.1 | 57.7 | 58.3 | 58.4 | 58.9 | 58.9 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.5 |
| ≥ 6000 | 49.8 | 56.3 | 57.5 | 58.2 | 58.7 | 58.8 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.9 |
| ≥ 5000 | 50.8 | 57.7 | 58.9 | 59.6 | 60.1 | 60.2 | 60.9 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.4 |
| ≥ 4500 | 51.8 | 59.1 | 60.3 | 61.0 | 61.5 | 61.7 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.9 |
| ≥ 4000 | 52.2 | 59.5 | 60.6 | 61.3 | 61.8 | 62.0 | 62.7 | 62.7 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.3 |
| ≥ 3500 | 52.6 | 60.0 | 61.2 | 61.9 | 62.6 | 62.8 | 63.4 | 63.4 | 63.4 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 64.1 |
| ≥ 3000 | 53.4 | 61.0 | 62.2 | 62.9 | 63.5 | 63.8 | 64.4 | 64.4 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 65.1 |
| ≥ 2500 | 54.6 | 62.3 | 63.5 | 64.3 | 64.9 | 65.2 | 65.8 | 65.8 | 65.9 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.6 |
| ≥ 2000 | 55.7 | 63.7 | 65.6 | 66.6 | 67.2 | 67.4 | 68.2 | 68.2 | 68.3 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 69.1 |
| ≥ 1800 | 57.5 | 66.6 | 68.7 | 70.1 | 70.8 | 71.0 | 71.8 | 71.9 | 72.2 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 73.1 |
| ≥ 1500 | 58.0 | 67.1 | 69.2 | 70.6 | 71.4 | 71.6 | 72.5 | 72.6 | 72.8 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.8 |
| ≥ 1200 | 58.6 | 68.3 | 70.9 | 72.4 | 73.2 | 73.4 | 74.3 | 74.7 | 75.1 | 75.6 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 76.2 |
| ≥ 1000 | 59.1 | 70.0 | 72.9 | 74.7 | 75.8 | 76.1 | 77.2 | 77.7 | 78.1 | 78.7 | 78.8 | 78.8 | 79.0 | 79.0 | 79.0 | 79.5 |
| ≥ 900 | 59.8 | 71.5 | 74.6 | 77.5 | 78.8 | 79.1 | 80.6 | 81.5 | 82.0 | 82.7 | 83.3 | 83.4 | 83.9 | 83.9 | 83.9 | 84.3 |
| ≥ 800 | 60.0 | 72.5 | 76.0 | 79.2 | 80.8 | 81.3 | 82.9 | 84.0 | 84.5 | 85.2 | 85.9 | 86.0 | 86.5 | 86.5 | 86.5 | 86.9 |
| ≥ 700 | 60.1 | 73.8 | 77.4 | 81.1 | 82.9 | 83.5 | 85.3 | 86.5 | 87.1 | 87.8 | 88.8 | 88.9 | 89.4 | 89.4 | 89.4 | 89.8 |
| ≥ 600 | 60.2 | 74.0 | 77.6 | 81.4 | 83.5 | 84.3 | 86.0 | 87.6 | 88.3 | 89.1 | 90.4 | 90.4 | 90.9 | 90.9 | 90.9 | 91.3 |
| ≥ 500 | 60.2 | 74.1 | 77.7 | 81.9 | 84.7 | 85.7 | 87.6 | 89.8 | 90.4 | 91.4 | 92.8 | 92.9 | 93.3 | 93.3 | 93.3 | 93.8 |
| ≥ 400 | 60.2 | 74.1 | 77.7 | 82.0 | 85.1 | 86.3 | 88.4 | 91.0 | 91.7 | 93.0 | 94.5 | 94.6 | 95.1 | 95.1 | 95.2 | 95.6 |
| ≥ 300 | 60.2 | 74.1 | 77.7 | 82.0 | 85.1 | 86.5 | 88.7 | 92.0 | 92.9 | 94.3 | 96.1 | 96.2 | 96.8 | 96.8 | 97.0 | 97.5 |
| ≥ 200 | 60.2 | 74.1 | 77.7 | 82.0 | 85.1 | 86.6 | 89.0 | 92.5 | 93.4 | 95.1 | 97.2 | 97.3 | 97.8 | 97.8 | 98.1 | 98.8 |
| ≥ 100 | 60.2 | 74.1 | 77.7 | 82.0 | 85.1 | 86.6 | 89.0 | 92.5 | 93.4 | 95.2 | 97.5 | 97.6 | 98.2 | 98.4 | 98.7 | 99.5 |
| ≥ 0 | 60.2 | 74.1 | 77.7 | 82.0 | 85.1 | 86.6 | 89.0 | 92.5 | 93.4 | 95.2 | 97.5 | 97.6 | 98.2 | 98.4 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949

OFFUTT AFB NE

68-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

| CEILING, FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|-------|------|-------|------|-------|------|-------|-------|------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .15 | ≥ .1 | ≥ .05 | ≥ 0 |
| NO CEILING ≥ 20000 | 42.8 | 45.7 | 46.3 | 46.6 | 46.8 | 47.1 | 47.2 | 47.2 | 47.2 | 47.2 | 47.3 | 47.3 | 47.6 | 47.6 | 47.6 | 47.6 |
| ≥ 18000 | 47.5 | 50.9 | 51.5 | 51.7 | 51.9 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 | 52.8 | 52.8 | 52.8 | 52.8 |
| ≥ 16000 | 48.1 | 51.4 | 52.0 | 52.3 | 52.5 | 52.8 | 52.9 | 52.9 | 52.9 | 52.9 | 53.0 | 53.0 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 14000 | 48.4 | 51.8 | 52.5 | 52.7 | 52.9 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.4 | 53.4 | 53.8 | 53.8 | 53.8 | 53.8 |
| ≥ 12000 | 49.1 | 52.7 | 53.3 | 53.5 | 53.8 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.3 | 54.3 | 54.6 | 54.6 | 54.6 | 54.6 |
| ≥ 10000 | 50.8 | 54.3 | 54.9 | 55.2 | 55.5 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 56.0 | 56.0 | 56.3 | 56.3 | 56.3 | 56.3 |
| ≥ 9000 | 54.3 | 58.4 | 59.1 | 59.4 | 59.7 | 60.0 | 60.1 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 8000 | 54.8 | 59.0 | 59.8 | 60.0 | 60.3 | 60.6 | 60.8 | 60.9 | 60.9 | 60.9 | 61.0 | 61.0 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 7000 | 55.9 | 60.3 | 61.4 | 61.6 | 62.0 | 62.4 | 62.6 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 6000 | 56.1 | 60.9 | 61.9 | 62.2 | 62.6 | 62.9 | 63.1 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 5000 | 56.9 | 61.6 | 62.7 | 62.9 | 63.3 | 63.7 | 63.9 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 4500 | 58.0 | 63.0 | 64.1 | 64.4 | 64.8 | 65.2 | 65.4 | 65.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 4000 | 58.5 | 63.7 | 64.7 | 65.1 | 65.5 | 65.8 | 66.0 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 3500 | 59.1 | 64.4 | 65.5 | 65.8 | 66.2 | 66.6 | 66.8 | 66.9 | 66.9 | 66.9 | 67.0 | 67.0 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 3000 | 59.5 | 64.9 | 66.3 | 66.7 | 67.1 | 67.4 | 67.6 | 67.7 | 67.7 | 67.7 | 67.8 | 67.8 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 2500 | 60.3 | 66.1 | 67.5 | 68.0 | 68.6 | 68.9 | 69.1 | 69.2 | 69.2 | 69.2 | 69.4 | 69.4 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 2000 | 61.1 | 68.1 | 69.7 | 70.1 | 70.8 | 71.1 | 71.3 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 1800 | 63.9 | 72.3 | 74.0 | 74.4 | 75.5 | 75.8 | 76.0 | 76.7 | 76.9 | 77.0 | 77.1 | 77.1 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 1500 | 64.0 | 72.8 | 74.5 | 75.1 | 76.1 | 76.6 | 76.8 | 77.4 | 77.6 | 77.7 | 77.8 | 77.8 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 1200 | 64.9 | 74.5 | 76.2 | 76.9 | 78.4 | 78.8 | 79.5 | 80.2 | 80.5 | 80.8 | 80.9 | 80.9 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 1000 | 65.3 | 75.9 | 77.6 | 78.8 | 80.4 | 80.9 | 81.6 | 82.7 | 83.2 | 83.4 | 83.5 | 83.5 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 900 | 65.6 | 78.2 | 80.3 | 82.0 | 83.7 | 84.1 | 85.2 | 86.5 | 87.0 | 87.4 | 87.6 | 87.6 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 800 | 65.6 | 78.6 | 80.9 | 82.8 | 84.5 | 84.9 | 86.2 | 87.5 | 88.1 | 88.6 | 88.8 | 88.8 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 700 | 65.6 | 79.6 | 82.0 | 84.3 | 86.1 | 86.7 | 88.2 | 89.7 | 90.4 | 91.0 | 91.2 | 91.2 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 600 | 65.6 | 79.7 | 82.4 | 84.8 | 86.7 | 87.4 | 89.1 | 91.2 | 92.0 | 92.7 | 93.0 | 93.0 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 500 | 65.6 | 79.8 | 82.7 | 85.4 | 87.5 | 88.2 | 90.1 | 92.5 | 93.4 | 94.3 | 94.7 | 94.7 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 400 | 65.6 | 79.8 | 82.8 | 85.5 | 87.6 | 88.4 | 90.5 | 93.1 | 94.1 | 95.1 | 95.6 | 95.6 | 96.6 | 96.9 | 96.9 | 96.9 |
| ≥ 300 | 65.6 | 79.8 | 82.8 | 85.6 | 88.0 | 88.7 | 91.1 | 94.0 | 95.1 | 96.0 | 96.7 | 96.7 | 97.7 | 98.1 | 98.1 | 98.3 |
| ≥ 200 | 65.6 | 79.8 | 82.8 | 85.6 | 88.0 | 88.7 | 91.1 | 94.0 | 95.6 | 97.0 | 97.7 | 97.7 | 99.1 | 99.5 | 99.5 | 99.7 |
| ≥ 100 | 65.6 | 79.8 | 82.8 | 85.6 | 88.0 | 88.7 | 91.1 | 94.0 | 95.6 | 97.0 | 97.7 | 97.7 | 99.1 | 99.5 | 99.5 | 99.8 |
| ≥ 0 | 65.6 | 79.8 | 82.8 | 85.6 | 88.0 | 88.7 | 91.1 | 94.0 | 95.6 | 97.0 | 97.7 | 97.7 | 99.4 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

R-77
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|-------|-------|--------|--------|-------|--------|---------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 |
| NO CEILING | 42.7 | 45.4 | 46.0 | 46.3 | 46.9 | 47.1 | 47.1 | 47.2 | 47.3 | 47.4 | 47.4 | 47.4 | 47.4 | 47.5 | 47.5 | 47.5 |
| ≥ 20000 | 46.9 | 50.0 | 50.6 | 51.0 | 51.6 | 51.8 | 51.8 | 51.9 | 52.0 | 52.2 | 52.2 | 52.2 | 52.2 | 52.3 | 52.3 | 52.3 |
| ≥ 18000 | 47.7 | 50.9 | 51.5 | 51.8 | 52.5 | 52.7 | 52.7 | 52.8 | 52.9 | 53.0 | 53.0 | 53.0 | 53.0 | 53.1 | 53.1 | 53.1 |
| ≥ 16000 | 47.8 | 51.2 | 51.8 | 52.2 | 52.8 | 53.0 | 53.0 | 53.1 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.4 | 53.4 | 53.4 |
| ≥ 14000 | 49.0 | 52.4 | 53.0 | 53.4 | 54.1 | 54.3 | 54.3 | 54.4 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 | 54.7 | 54.7 |
| ≥ 12000 | 51.1 | 54.5 | 55.3 | 55.7 | 56.3 | 56.6 | 56.6 | 56.7 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 57.0 | 57.0 | 57.0 |
| ≥ 10000 | 54.5 | 58.4 | 59.1 | 59.6 | 60.3 | 60.5 | 60.5 | 60.6 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 |
| ≥ 9000 | 55.2 | 59.1 | 59.9 | 60.3 | 61.1 | 61.3 | 61.3 | 61.4 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 |
| ≥ 8000 | 56.6 | 60.8 | 61.5 | 61.9 | 62.7 | 62.9 | 62.9 | 63.0 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 |
| ≥ 7000 | 56.8 | 61.1 | 61.8 | 62.3 | 63.0 | 63.2 | 63.2 | 63.3 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.7 | 63.7 | 63.7 |
| ≥ 6000 | 57.2 | 61.5 | 62.3 | 62.7 | 63.4 | 63.7 | 63.7 | 63.8 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 |
| ≥ 5000 | 57.4 | 62.4 | 63.1 | 63.8 | 64.5 | 64.7 | 64.7 | 64.8 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 |
| ≥ 4500 | 58.0 | 62.9 | 63.7 | 64.3 | 65.1 | 65.3 | 65.3 | 65.4 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 |
| ≥ 4000 | 58.6 | 63.5 | 64.3 | 64.9 | 65.7 | 65.9 | 65.9 | 66.0 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 |
| ≥ 3500 | 59.2 | 64.2 | 64.9 | 65.6 | 66.3 | 66.6 | 66.6 | 66.8 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 |
| ≥ 3000 | 60.3 | 65.8 | 66.9 | 67.5 | 68.5 | 68.7 | 68.7 | 68.9 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 |
| ≥ 2500 | 61.5 | 67.6 | 68.7 | 69.7 | 70.8 | 71.2 | 71.4 | 71.6 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 | 71.9 | 71.9 |
| ≥ 2000 | 64.2 | 70.8 | 72.2 | 73.5 | 74.6 | 75.2 | 75.5 | 76.2 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 |
| ≥ 1800 | 64.5 | 71.7 | 73.2 | 74.9 | 76.0 | 76.7 | 77.0 | 77.7 | 78.0 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 |
| ≥ 1500 | 66.7 | 74.8 | 76.8 | 78.6 | 80.0 | 80.8 | 81.1 | 81.8 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 |
| ≥ 1200 | 67.3 | 75.8 | 79.0 | 81.6 | 83.5 | 84.3 | 84.8 | 85.8 | 86.2 | 86.5 | 86.7 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 |
| ≥ 1000 | 67.3 | 77.7 | 80.6 | 83.0 | 85.5 | 86.2 | 87.1 | 88.1 | 88.5 | 88.7 | 88.9 | 88.9 | 88.9 | 89.1 | 89.1 | 89.1 |
| ≥ 900 | 67.3 | 77.7 | 80.8 | 83.1 | 85.7 | 86.5 | 87.4 | 88.4 | 88.8 | 89.0 | 89.4 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 |
| ≥ 800 | 67.4 | 78.1 | 81.1 | 83.4 | 86.2 | 87.3 | 88.3 | 89.2 | 89.7 | 89.9 | 90.2 | 90.3 | 90.3 | 90.5 | 90.5 | 90.5 |
| ≥ 700 | 67.4 | 78.1 | 81.1 | 83.4 | 86.5 | 87.6 | 88.8 | 91.2 | 91.6 | 92.0 | 92.4 | 92.5 | 92.5 | 92.7 | 92.8 | 92.8 |
| ≥ 600 | 67.4 | 78.2 | 81.6 | 84.0 | 87.2 | 88.4 | 90.0 | 92.9 | 93.3 | 93.9 | 94.3 | 94.4 | 94.4 | 94.6 | 94.7 | 94.7 |
| ≥ 500 | 67.4 | 78.7 | 82.3 | 84.7 | 88.0 | 89.2 | 91.0 | 94.3 | 95.2 | 95.9 | 96.3 | 96.5 | 96.5 | 96.9 | 97.0 | 97.1 |
| ≥ 400 | 67.4 | 78.8 | 82.4 | 85.1 | 88.4 | 89.7 | 91.4 | 94.7 | 95.6 | 96.3 | 96.9 | 97.0 | 97.4 | 97.5 | 97.6 | 97.7 |
| ≥ 300 | 67.4 | 78.8 | 82.4 | 85.1 | 88.6 | 89.9 | 91.6 | 95.1 | 96.0 | 97.1 | 97.8 | 98.0 | 98.5 | 98.6 | 98.7 | 98.8 |
| ≥ 200 | 67.4 | 78.8 | 82.4 | 85.1 | 88.6 | 89.9 | 91.6 | 95.1 | 96.1 | 97.4 | 98.5 | 98.6 | 99.2 | 99.4 | 99.6 | 99.8 |
| ≥ 100 | 67.4 | 78.8 | 82.4 | 85.1 | 88.6 | 89.9 | 91.6 | 95.1 | 96.1 | 97.4 | 98.5 | 98.6 | 99.2 | 99.4 | 99.6 | 99.9 |
| W 0 | 67.4 | 78.8 | 82.4 | 85.1 | 88.6 | 89.9 | 91.6 | 95.1 | 96.1 | 97.4 | 98.5 | 98.6 | 99.2 | 99.4 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14949 OFFUTT AFB NE

8-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 45.3 | 48.3 | 49.1 | 49.9 | 50.4 | 50.4 | 50.5 | 50.6 | 50.8 | 50.9 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| ≥ 20000 | 48.3 | 51.4 | 52.3 | 53.1 | 53.8 | 53.8 | 54.9 | 54.0 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 18000 | 48.8 | 52.2 | 53.0 | 53.9 | 54.5 | 54.5 | 54.6 | 54.7 | 54.8 | 54.9 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 16000 | 49.1 | 52.5 | 53.3 | 54.2 | 54.8 | 54.8 | 54.9 | 55.1 | 55.2 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 14000 | 50.2 | 53.7 | 54.5 | 55.4 | 56.1 | 56.1 | 56.2 | 56.3 | 56.5 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 12000 | 51.7 | 55.3 | 56.1 | 57.0 | 57.7 | 57.7 | 57.8 | 58.0 | 58.1 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| ≥ 10000 | 53.5 | 57.3 | 58.2 | 59.0 | 59.9 | 59.9 | 60.0 | 60.1 | 60.2 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 9000 | 53.7 | 57.5 | 58.4 | 59.2 | 60.1 | 60.1 | 60.2 | 60.3 | 60.4 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 8000 | 55.2 | 59.2 | 60.3 | 61.2 | 62.0 | 62.0 | 62.2 | 62.3 | 62.4 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 7000 | 55.9 | 60.0 | 61.1 | 61.9 | 62.8 | 62.8 | 62.9 | 63.0 | 63.1 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 6000 | 57.1 | 61.7 | 62.4 | 63.2 | 64.1 | 64.1 | 64.2 | 64.3 | 64.4 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| ≥ 5000 | 57.5 | 61.7 | 63.0 | 64.0 | 64.8 | 64.8 | 64.9 | 65.1 | 65.3 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 4500 | 58.0 | 62.2 | 63.5 | 64.5 | 65.4 | 65.4 | 65.5 | 65.6 | 65.8 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 4000 | 59.0 | 63.4 | 64.8 | 65.8 | 66.7 | 66.7 | 66.8 | 66.9 | 67.1 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 3500 | 60.0 | 64.7 | 66.2 | 67.2 | 68.1 | 68.1 | 68.2 | 68.3 | 68.5 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 3000 | 60.4 | 65.5 | 67.0 | 68.1 | 68.9 | 68.9 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 2500 | 62.2 | 67.6 | 69.1 | 70.2 | 71.3 | 71.3 | 71.4 | 71.5 | 71.7 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 2000 | 64.5 | 71.4 | 73.0 | 74.4 | 75.7 | 75.7 | 75.8 | 75.9 | 76.1 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 1800 | 65.5 | 72.9 | 74.6 | 76.2 | 77.8 | 78.0 | 78.1 | 78.2 | 78.4 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 1500 | 67.7 | 75.7 | 77.7 | 79.7 | 81.3 | 81.4 | 81.7 | 81.8 | 82.2 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 1200 | 68.4 | 77.0 | 79.4 | 82.0 | 83.8 | 84.0 | 84.3 | 84.4 | 84.8 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 1000 | 69.1 | 78.1 | 80.5 | 84.2 | 86.5 | 86.7 | 87.1 | 87.4 | 88.0 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 900 | 69.1 | 78.7 | 80.8 | 84.4 | 86.7 | 87.2 | 87.7 | 88.3 | 88.8 | 89.1 | 89.3 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 800 | 69.1 | 78.6 | 81.2 | 85.4 | 87.8 | 88.5 | 89.2 | 89.8 | 90.3 | 90.6 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 700 | 69.1 | 78.6 | 81.2 | 85.8 | 88.5 | 89.1 | 90.6 | 91.6 | 92.2 | 92.6 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 600 | 69.1 | 78.7 | 81.3 | 86.6 | 89.4 | 90.3 | 91.9 | 92.9 | 93.4 | 94.0 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 500 | 69.1 | 78.7 | 81.3 | 86.7 | 89.7 | 90.8 | 92.5 | 93.8 | 94.4 | 95.1 | 95.4 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 400 | 69.1 | 78.7 | 81.6 | 87.1 | 90.1 | 91.2 | 92.9 | 94.4 | 95.1 | 95.7 | 96.2 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 300 | 69.1 | 79.0 | 81.9 | 87.5 | 90.5 | 91.6 | 93.4 | 95.7 | 96.5 | 97.1 | 97.7 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 200 | 69.1 | 79.0 | 81.9 | 87.5 | 90.5 | 91.6 | 93.4 | 96.0 | 96.9 | 97.6 | 98.4 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 100 | 69.1 | 79.0 | 81.9 | 87.5 | 90.5 | 91.6 | 93.4 | 96.0 | 96.9 | 97.6 | 98.4 | 98.8 | 99.5 | 99.5 | 99.5 | 100.0 |
| ≥ 50 | 69.1 | 79.0 | 81.9 | 87.5 | 90.5 | 91.6 | 93.4 | 96.0 | 96.9 | 97.6 | 98.4 | 98.8 | 99.5 | 99.5 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

68-77
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 45.5 | 47.7 | 48.6 | 48.8 | 49.4 | 49.5 | 50.1 | 50.2 | 50.2 | 50.2 | 50.2 | 50.3 | 50.3 | 50.3 | 50.4 | 51.0 |
| ≥ 20000 | 48.0 | 50.6 | 51.5 | 51.8 | 52.4 | 52.5 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.3 | 53.3 | 53.3 | 53.4 | 54.0 |
| ≥ 18000 | 48.3 | 51.0 | 51.8 | 52.2 | 52.7 | 52.8 | 53.4 | 53.5 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.7 | 53.8 | 54.3 |
| ≥ 16000 | 48.9 | 51.7 | 52.6 | 52.9 | 53.4 | 53.5 | 54.2 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.5 | 55.1 |
| ≥ 14000 | 50.2 | 53.0 | 53.9 | 54.2 | 54.7 | 54.8 | 55.5 | 55.6 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.8 | 56.3 |
| ≥ 12000 | 51.4 | 54.2 | 55.1 | 55.4 | 55.9 | 56.0 | 56.7 | 56.8 | 56.8 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 57.0 | 57.5 |
| ≥ 10000 | 53.0 | 55.8 | 56.7 | 57.0 | 57.8 | 58.0 | 58.6 | 58.7 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.9 | 59.5 |
| ≥ 9000 | 53.1 | 55.9 | 56.8 | 57.1 | 58.0 | 58.1 | 58.7 | 58.8 | 58.8 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 59.0 | 59.6 |
| ≥ 8000 | 54.4 | 57.3 | 58.3 | 58.6 | 59.5 | 59.6 | 60.2 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.5 | 60.5 | 61.1 |
| ≥ 7000 | 55.9 | 58.9 | 59.9 | 60.2 | 61.1 | 61.2 | 61.8 | 61.9 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 | 62.2 | 62.2 | 62.7 |
| ≥ 6000 | 56.7 | 59.8 | 60.8 | 61.3 | 62.3 | 62.4 | 63.0 | 63.1 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.9 |
| ≥ 5000 | 57.4 | 60.9 | 61.9 | 62.6 | 63.5 | 63.7 | 64.3 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.6 | 64.6 | 65.2 |
| ≥ 4500 | 57.7 | 61.3 | 62.4 | 63.0 | 64.0 | 64.1 | 64.7 | 64.8 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 65.1 | 65.1 | 65.6 |
| ≥ 4000 | 58.9 | 62.9 | 64.0 | 64.6 | 65.6 | 65.7 | 66.3 | 66.5 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.7 | 66.7 | 67.2 |
| ≥ 3500 | 59.4 | 64.0 | 65.1 | 65.7 | 66.8 | 66.9 | 67.5 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.8 | 67.8 | 68.4 |
| ≥ 3000 | 60.5 | 65.4 | 66.6 | 67.2 | 68.5 | 68.6 | 69.4 | 69.5 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.8 | 69.8 | 70.3 |
| ≥ 2500 | 62.2 | 67.8 | 69.1 | 69.9 | 71.3 | 71.5 | 72.3 | 72.4 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 73.2 |
| ≥ 2000 | 63.8 | 70.4 | 71.7 | 72.6 | 74.1 | 74.3 | 75.1 | 75.2 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 76.1 |
| ≥ 1800 | 64.5 | 71.8 | 73.1 | 74.0 | 75.5 | 75.8 | 76.6 | 76.7 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.6 |
| ≥ 1500 | 66.2 | 74.3 | 75.8 | 76.8 | 78.3 | 78.8 | 79.6 | 79.8 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.8 |
| ≥ 1200 | 67.6 | 77.2 | 78.9 | 80.2 | 82.2 | 82.7 | 83.4 | 83.8 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.3 | 84.3 | 84.8 |
| ≥ 1000 | 68.1 | 78.0 | 79.8 | 81.8 | 83.9 | 84.6 | 85.8 | 86.1 | 86.5 | 86.6 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 87.3 |
| ≥ 900 | 68.3 | 78.4 | 80.2 | 82.7 | 84.8 | 85.6 | 86.8 | 87.2 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 88.4 |
| ≥ 800 | 68.3 | 79.1 | 81.2 | 84.1 | 86.6 | 87.4 | 88.8 | 89.4 | 89.8 | 89.9 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.6 |
| ≥ 700 | 68.3 | 79.5 | 81.7 | 84.9 | 87.6 | 88.5 | 89.9 | 90.6 | 91.1 | 91.3 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 92.0 |
| ≥ 600 | 68.3 | 79.5 | 82.2 | 85.5 | 88.7 | 89.7 | 91.5 | 92.3 | 93.0 | 93.2 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 94.0 |
| ≥ 500 | 68.3 | 79.6 | 82.3 | 85.6 | 89.0 | 90.1 | 92.0 | 93.0 | 94.0 | 94.2 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 95.1 |
| ≥ 400 | 68.3 | 79.9 | 82.6 | 86.0 | 89.6 | 90.8 | 92.9 | 94.3 | 95.4 | 95.7 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.7 |
| ≥ 300 | 68.3 | 79.9 | 82.6 | 86.0 | 89.9 | 91.1 | 93.4 | 95.5 | 96.9 | 97.3 | 97.5 | 97.6 | 97.7 | 97.8 | 97.8 | 98.4 |
| ≥ 200 | 68.3 | 79.9 | 82.6 | 86.0 | 89.9 | 91.1 | 93.4 | 95.6 | 97.3 | 97.8 | 98.1 | 98.2 | 98.6 | 98.8 | 98.8 | 99.4 |
| ≥ 100 | 68.3 | 79.9 | 82.6 | 86.0 | 89.9 | 91.1 | 93.4 | 95.7 | 97.4 | 98.0 | 98.3 | 98.4 | 98.9 | 99.1 | 99.1 | 99.7 |
| ≥ 0 | 68.3 | 79.9 | 82.6 | 86.0 | 89.9 | 91.1 | 93.4 | 95.8 | 97.6 | 98.2 | 98.5 | 98.6 | 99.1 | 99.4 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE
STATION NAME

68-77
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS LST

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|--------|----|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0.005 | ≥0 |
| NO CEILING | 43.8 | 47.3 | 48.0 | 48.4 | 48.9 | 49.0 | 49.3 | 49.4 | 49.5 | 49.6 | 49.7 | 49.7 | 49.8 | 49.8 | 49.9 | 50.1 | |
| ≥ 20000 | 47.2 | 50.9 | 51.8 | 52.1 | 52.6 | 52.7 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.4 | 53.5 | 53.5 | 53.6 | 53.8 | |
| ≥ 18000 | 47.5 | 51.3 | 52.0 | 52.5 | 53.0 | 53.1 | 53.4 | 53.6 | 53.6 | 53.7 | 53.8 | 53.8 | 53.9 | 54.0 | 54.0 | 54.2 | |
| ≥ 16000 | 47.9 | 51.7 | 52.5 | 52.9 | 53.4 | 53.5 | 53.9 | 54.0 | 54.0 | 54.1 | 54.2 | 54.2 | 54.3 | 54.4 | 54.4 | 54.6 | |
| ≥ 14000 | 48.7 | 52.6 | 53.3 | 53.8 | 54.3 | 54.4 | 54.7 | 54.9 | 54.9 | 55.0 | 55.1 | 55.1 | 55.2 | 55.3 | 55.3 | 55.5 | |
| ≥ 12000 | 49.9 | 53.9 | 54.6 | 55.1 | 55.6 | 55.7 | 56.1 | 56.2 | 56.2 | 56.3 | 56.4 | 56.4 | 56.5 | 56.6 | 56.6 | 56.8 | |
| ≥ 10000 | 52.2 | 56.5 | 57.3 | 57.7 | 58.4 | 58.5 | 58.8 | 58.9 | 59.0 | 59.1 | 59.2 | 59.2 | 59.3 | 59.3 | 59.4 | 59.6 | |
| ≥ 9000 | 52.6 | 56.9 | 57.7 | 58.1 | 58.8 | 58.9 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 | 59.6 | 59.7 | 59.7 | 59.8 | 60.0 | |
| ≥ 8000 | 53.9 | 58.4 | 59.2 | 59.7 | 60.4 | 60.5 | 60.8 | 61.0 | 61.0 | 61.1 | 61.2 | 61.2 | 61.3 | 61.4 | 61.4 | 61.6 | |
| ≥ 7000 | 54.6 | 59.2 | 60.1 | 60.6 | 61.2 | 61.3 | 61.7 | 61.8 | 61.9 | 62.0 | 62.1 | 62.1 | 62.2 | 62.2 | 62.3 | 62.5 | |
| ≥ 6000 | 55.9 | 60.3 | 61.2 | 61.7 | 62.3 | 62.4 | 62.8 | 63.0 | 63.0 | 63.1 | 63.2 | 63.2 | 63.4 | 63.4 | 63.5 | 63.6 | |
| ≥ 5000 | 56.3 | 61.3 | 62.2 | 62.7 | 63.4 | 63.5 | 63.9 | 64.1 | 64.2 | 64.2 | 64.4 | 64.4 | 64.5 | 64.5 | 64.6 | 64.8 | |
| ≥ 4500 | 56.7 | 61.8 | 62.7 | 63.3 | 63.9 | 64.1 | 64.5 | 64.6 | 64.7 | 64.8 | 64.9 | 64.9 | 65.0 | 65.1 | 65.1 | 65.3 | |
| ≥ 4000 | 57.5 | 62.7 | 63.6 | 64.3 | 65.0 | 65.1 | 65.6 | 65.7 | 65.8 | 65.9 | 66.0 | 66.0 | 66.1 | 66.1 | 66.2 | 66.4 | |
| ≥ 3500 | 58.2 | 63.7 | 64.7 | 65.3 | 66.0 | 66.1 | 66.6 | 66.7 | 66.8 | 66.9 | 67.0 | 67.0 | 67.2 | 67.2 | 67.2 | 67.4 | |
| ≥ 3000 | 59.1 | 64.9 | 66.0 | 66.7 | 67.5 | 67.6 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.5 | 68.6 | 68.7 | 68.7 | 68.9 | |
| ≥ 2500 | 60.1 | 66.7 | 67.9 | 68.7 | 69.5 | 69.7 | 70.2 | 70.4 | 70.6 | 70.7 | 70.8 | 70.8 | 70.9 | 70.9 | 71.0 | 71.2 | |
| ≥ 2000 | 62.0 | 69.4 | 70.9 | 71.8 | 72.9 | 73.0 | 73.6 | 73.9 | 74.1 | 74.3 | 74.4 | 74.4 | 74.5 | 74.6 | 74.6 | 74.8 | |
| ≥ 1800 | 62.4 | 70.7 | 71.7 | 72.8 | 73.9 | 74.1 | 74.7 | 75.0 | 75.2 | 75.4 | 75.5 | 75.5 | 75.6 | 75.6 | 75.7 | 75.9 | |
| ≥ 1500 | 63.7 | 72.2 | 73.9 | 75.1 | 76.5 | 76.7 | 77.4 | 77.9 | 78.1 | 78.3 | 78.5 | 78.5 | 78.6 | 78.6 | 78.7 | 78.9 | |
| ≥ 1200 | 64.3 | 74.4 | 76.5 | 77.9 | 79.6 | 79.9 | 80.7 | 81.3 | 81.6 | 81.9 | 82.0 | 82.0 | 82.2 | 82.2 | 82.3 | 82.5 | |
| ≥ 1000 | 64.9 | 75.4 | 77.9 | 79.9 | 81.8 | 82.3 | 83.4 | 84.2 | 84.6 | 84.9 | 85.1 | 85.1 | 85.4 | 85.4 | 85.5 | 85.7 | |
| ≥ 900 | 64.9 | 76.1 | 78.8 | 81.1 | 83.1 | 83.7 | 84.9 | 85.7 | 86.2 | 86.5 | 86.8 | 86.8 | 87.1 | 87.1 | 87.2 | 87.3 | |
| ≥ 800 | 65.0 | 76.8 | 79.7 | 82.4 | 84.6 | 85.3 | 86.6 | 87.5 | 88.1 | 88.4 | 88.8 | 88.8 | 89.1 | 89.1 | 89.2 | 89.4 | |
| ≥ 700 | 65.1 | 77.0 | 80.1 | 82.9 | 85.4 | 86.2 | 87.8 | 89.1 | 89.7 | 90.2 | 90.6 | 90.7 | 91.0 | 91.0 | 91.1 | 91.3 | |
| ≥ 600 | 65.1 | 77.1 | 80.4 | 83.5 | 86.4 | 87.4 | 89.3 | 90.9 | 91.6 | 92.2 | 92.8 | 92.8 | 93.2 | 93.2 | 93.3 | 93.5 | |
| ≥ 500 | 65.1 | 77.2 | 80.6 | 83.8 | 86.9 | 88.0 | 90.1 | 92.2 | 93.1 | 93.8 | 94.4 | 94.5 | 94.9 | 95.0 | 95.1 | 95.3 | |
| ≥ 400 | 65.1 | 77.3 | 80.7 | 84.1 | 87.3 | 88.6 | 91.0 | 93.4 | 94.3 | 95.2 | 95.9 | 96.0 | 96.5 | 96.5 | 96.7 | 96.9 | |
| ≥ 300 | 65.1 | 77.4 | 80.8 | 84.2 | 87.5 | 88.8 | 91.3 | 94.0 | 95.2 | 96.3 | 97.1 | 97.2 | 97.7 | 97.8 | 97.9 | 98.3 | |
| ≥ 200 | 65.1 | 77.4 | 80.8 | 84.2 | 87.5 | 88.8 | 91.4 | 94.1 | 95.4 | 96.6 | 97.6 | 97.8 | 98.4 | 98.6 | 98.8 | 99.2 | |
| ≥ 100 | 65.1 | 77.4 | 80.8 | 84.2 | 87.5 | 88.8 | 91.4 | 94.1 | 95.4 | 96.7 | 97.7 | 97.8 | 98.5 | 98.7 | 99.0 | 99.7 | |
| ≥ 0 | 65.1 | 77.4 | 80.8 | 84.2 | 87.5 | 88.8 | 91.4 | 94.1 | 95.4 | 96.7 | 97.7 | 97.8 | 98.6 | 98.8 | 99.1 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14949
STATION

OFFUTT AFB NE

STATION NAME

1987

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 55.9 | 56.7 | 57.3 | 57.7 | 58.1 | 58.1 | 58.3 | 58.4 | 58.5 | 58.5 | 58.6 | 58.6 | 58.7 | 58.7 | 58.7 | 58.8 |
| ≥ 20000 | 58.0 | 61.1 | 61.7 | 62.1 | 62.5 | 62.6 | 62.8 | 62.9 | 62.9 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.2 | 63.3 |
| ≥ 18000 | 58.3 | 61.5 | 62.1 | 62.5 | 62.9 | 63.0 | 63.2 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.5 | 63.5 | 63.6 | 63.7 |
| ≥ 16000 | 58.6 | 61.8 | 62.4 | 62.8 | 63.2 | 63.3 | 63.5 | 63.6 | 63.7 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 64.1 |
| ≥ 14000 | 59.6 | 62.8 | 63.5 | 63.9 | 64.3 | 64.4 | 64.6 | 64.7 | 64.7 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 65.0 | 65.1 |
| ≥ 12000 | 61.2 | 64.6 | 65.2 | 65.6 | 66.1 | 66.2 | 66.4 | 66.5 | 66.5 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 66.9 |
| ≥ 10000 | 63.8 | 67.4 | 68.1 | 68.6 | 69.0 | 69.2 | 69.4 | 69.5 | 69.5 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.8 | 69.9 |
| ≥ 9000 | 64.4 | 68.0 | 68.7 | 69.2 | 69.6 | 69.7 | 70.0 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.4 | 70.5 |
| ≥ 8000 | 66.1 | 69.9 | 70.6 | 71.1 | 71.6 | 71.7 | 71.9 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.4 | 72.5 |
| ≥ 7000 | 67.1 | 71.1 | 71.8 | 72.3 | 72.8 | 72.9 | 73.2 | 73.3 | 73.3 | 73.4 | 73.5 | 73.5 | 73.5 | 73.6 | 73.6 | 73.7 |
| ≥ 6000 | 68.4 | 72.5 | 73.3 | 73.9 | 74.3 | 74.5 | 74.7 | 74.8 | 74.9 | 75.0 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.3 |
| ≥ 5000 | 70.1 | 74.6 | 75.5 | 76.1 | 76.6 | 76.7 | 77.0 | 77.1 | 77.2 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.6 |
| ≥ 4500 | 70.7 | 75.3 | 76.2 | 76.8 | 77.4 | 77.5 | 77.8 | 77.9 | 78.0 | 78.0 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.4 |
| ≥ 4000 | 72.1 | 77.0 | 77.9 | 78.6 | 79.1 | 79.3 | 79.6 | 79.7 | 79.8 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.1 | 80.2 |
| ≥ 3500 | 73.1 | 78.1 | 79.0 | 79.7 | 80.3 | 80.5 | 80.8 | 80.9 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.3 | 81.4 |
| ≥ 3000 | 74.5 | 79.8 | 80.8 | 81.6 | 82.2 | 82.4 | 82.7 | 82.9 | 83.0 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.4 |
| ≥ 2500 | 75.6 | 81.2 | 82.3 | 83.1 | 83.8 | 84.0 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 85.0 |
| ≥ 2000 | 76.9 | 83.0 | 84.2 | 85.1 | 85.9 | 86.1 | 86.5 | 86.7 | 86.8 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.3 |
| ≥ 1800 | 77.3 | 83.5 | 84.8 | 85.7 | 86.6 | 86.8 | 87.2 | 87.4 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 87.9 |
| ≥ 1500 | 78.1 | 84.9 | 86.3 | 87.3 | 88.3 | 88.6 | 89.0 | 89.3 | 89.4 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 | 89.8 | 89.9 |
| ≥ 1200 | 78.8 | 86.2 | 87.8 | 88.9 | 90.0 | 90.3 | 90.8 | 91.2 | 91.3 | 91.5 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.9 |
| ≥ 1000 | 79.2 | 87.0 | 88.8 | 90.2 | 91.4 | 91.8 | 92.5 | 92.9 | 93.1 | 93.3 | 93.4 | 93.4 | 93.5 | 93.5 | 93.6 | 93.7 |
| ≥ 900 | 79.3 | 87.4 | 89.2 | 90.7 | 92.0 | 92.4 | 93.1 | 93.6 | 93.8 | 94.0 | 94.2 | 94.2 | 94.3 | 94.3 | 94.4 | 94.5 |
| ≥ 800 | 79.4 | 87.7 | 89.7 | 91.2 | 92.7 | 93.2 | 94.0 | 94.5 | 94.8 | 95.0 | 95.2 | 95.2 | 95.3 | 95.3 | 95.4 | 95.5 |
| ≥ 700 | 79.4 | 87.9 | 89.9 | 91.6 | 93.2 | 93.7 | 94.6 | 95.3 | 95.5 | 95.8 | 96.0 | 96.1 | 96.2 | 96.2 | 96.3 | 96.4 |
| ≥ 600 | 79.5 | 88.0 | 90.1 | 91.9 | 93.7 | 94.2 | 95.2 | 96.0 | 96.3 | 96.7 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.3 |
| ≥ 500 | 79.5 | 88.1 | 90.2 | 92.0 | 93.9 | 94.5 | 95.6 | 96.6 | 96.9 | 97.4 | 97.6 | 97.7 | 97.8 | 97.9 | 97.9 | 98.1 |
| ≥ 400 | 79.5 | 88.1 | 90.2 | 92.1 | 94.1 | 94.7 | 95.9 | 97.0 | 97.4 | 97.9 | 98.1 | 98.3 | 98.5 | 98.6 | 98.6 | 98.8 |
| ≥ 300 | 79.5 | 88.1 | 90.2 | 92.1 | 94.1 | 94.8 | 96.1 | 97.2 | 97.7 | 98.3 | 98.7 | 98.7 | 99.0 | 99.0 | 99.1 | 99.3 |
| ≥ 200 | 79.5 | 88.1 | 90.2 | 92.2 | 94.1 | 94.8 | 96.1 | 97.3 | 97.8 | 98.4 | 98.9 | 99.0 | 99.3 | 99.4 | 99.5 | 99.7 |
| ≥ 100 | 79.5 | 88.1 | 90.2 | 92.2 | 94.1 | 94.8 | 96.1 | 97.3 | 97.9 | 98.5 | 98.9 | 99.0 | 99.3 | 99.4 | 99.6 | 99.9 |
| ≥ 0 | 79.5 | 88.1 | 90.2 | 92.2 | 94.1 | 94.8 | 96.1 | 97.3 | 97.9 | 98.5 | 98.9 | 99.0 | 99.3 | 99.4 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 87640

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS
SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED
WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14949
STATION

OFFUTT AFB NE

72-78

JAN
MONT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JAN | 00-02 | 29.6 | | | 22.5 | | | | | | 13.3 | 34.6 | 5.3 | 648 |
| | 03-05 | 28.9 | | | 18.9 | | | | | | 16.3 | 35.9 | 5.6 | 651 |
| | 06-08 | 22.3 | | | 22.6 | | | | | | 14.4 | 40.7 | 6.0 | 651 |
| | 09-11 | 16.3 | | | 21.8 | | | | | | 19.8 | 42.1 | 6.6 | 651 |
| | 12-14 | 16.1 | | | 19.7 | | | | | | 24.6 | 39.6 | 6.8 | 651 |
| | 15-17 | 14.7 | | | 23.9 | | | | | | 22.2 | 39.2 | 6.6 | 648 |
| | 18-20 | 23.1 | | | 23.6 | | | | | | 17.7 | 35.5 | 5.9 | 648 |
| | 21-23 | 33.5 | | | 18.9 | | | | | | 12.0 | 35.5 | 5.2 | 650 |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| TOTALS | | 23.1 | | | 21.5 | | | | | | 17.5 | 37.9 | 6.0 | 5198 |

SKY COVER

14949
STATION

DEFUTT AFB NE

72-78

FEB
MONT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| FEB | 00-02 | 33.3 | | | 15.7 | | | | | | 11.5 | 39.4 | 5.5 | 591 |
| | 03-05 | 22.2 | | | 16.8 | | | | | | 11.0 | 40.0 | 5.5 | 590 |
| | 06-08 | 20.8 | | | 21.8 | | | | | | 15.4 | 42.1 | 6.2 | 592 |
| | 09-11 | 17.7 | | | 18.8 | | | | | | 17.8 | 45.7 | 6.7 | 589 |
| | 12-14 | 16.0 | | | 20.9 | | | | | | 19.2 | 43.8 | 6.7 | 593 |
| | 15-17 | 14.8 | | | 21.7 | | | | | | 21.0 | 42.4 | 6.8 | 594 |
| | 18-20 | 17.1 | | | 24.5 | | | | | | 19.1 | 39.4 | 6.4 | 592 |
| | 21-23 | 26.9 | | | 18.8 | | | | | | 17.3 | 37.1 | 5.8 | 591 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 22.4 | | | 19.9 | | | | | | 16.5 | 41.2 | 6.2 | 4732 |

SKY COVER

MAR
MONT

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| MAR | 00-02 | 27.3 | | | 18.9 | | | | | | 14.4 | 39.4 | 5.8 | 645 |
| | 03-05 | 26.0 | | | 18.6 | | | | | | 9.6 | 45.8 | 6.0 | 646 |
| | 06-08 | 15.5 | | | 20.9 | | | | | | 17.9 | 45.7 | 6.8 | 647 |
| | 09-11 | 11.7 | | | 21.8 | | | | | | 16.9 | 49.5 | 7.1 | 650 |
| | 12-14 | 9.7 | | | 20.9 | | | | | | 20.7 | 48.7 | 7.4 | 651 |
| | 15-17 | 8.8 | | | 23.2 | | | | | | 25.0 | 43.0 | 7.3 | 651 |
| | 18-20 | 13.2 | | | 28.7 | | | | | | 19.8 | 38.2 | 6.5 | 651 |
| | 21-23 | 25.7 | | | 24.5 | | | | | | 13.1 | 36.8 | 5.6 | 650 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.2 | | | 22.2 | | | | | | 17.2 | 43.4 | 6.6 | 3191 |

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

14949
STATION

OFFUTT AFB NE

71-78

APR
MONT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| APR | 00-02 | 28.6 | | | 18.3 | | | | | | 17.9 | 35.1 | 5.7 | 720 |
| | 03-05 | 25.7 | | | 21.3 | | | | | | 17.2 | 35.7 | 5.8 | 719 |
| | 06-08 | 15.2 | | | 19.7 | | | | | | 22.9 | 42.3 | 6.9 | 717 |
| | 09-11 | 15.2 | | | 21.1 | | | | | | 21.0 | 42.7 | 6.8 | 719 |
| | 12-14 | 14.4 | | | 16.7 | | | | | | 26.4 | 42.5 | 7.1 | 720 |
| | 15-17 | 15.0 | | | 18.9 | | | | | | 25.8 | 40.3 | 6.9 | 720 |
| | 18-20 | 14.4 | | | 22.6 | | | | | | 22.1 | 40.8 | 6.8 | 720 |
| | 21-23 | 27.9 | | | 16.7 | | | | | | 19.6 | 35.8 | 5.8 | 720 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 19.6 | | | 19.4 | | | | | | 21.6 | 39.4 | 6.5 | 5759 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14949
STATION

OFFUTT AFB NE
STATION NAME

71-78
PERIOD

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAY | 00-02 | 29.6 | | | 24.5 | | | | | | 15.2 | 30.7 | 5.2 | 743 |
| | 03-05 | 21.5 | | | 26.3 | | | | | | 20.6 | 31.6 | 5.8 | 741 |
| | 06-08 | 16.4 | | | 21.0 | | | | | | 24.9 | 37.0 | 6.6 | 746 |
| | 09-11 | 13.4 | | | 23.7 | | | | | | 24.1 | 38.8 | 6.8 | 741 |
| | 12-14 | 9.9 | | | 24.3 | | | | | | 29.7 | 36.0 | 7.0 | 741 |
| | 15-17 | 9.0 | | | 28.2 | | | | | | 27.3 | 35.5 | 6.9 | 744 |
| | 18-20 | 12.5 | | | 27.0 | | | | | | 28.0 | 31.9 | 6.5 | 743 |
| | 21-23 | 25.8 | | | 26.2 | | | | | | 19.8 | 28.1 | 5.9 | 743 |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.3 | | | 25.3 | | | | | | 23.7 | 33.7 | 6.3 | 5946 |

SKY COVER

JUN
MONT

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JUN | 00-02 | 32.6 | | | 31.9 | | | | | | 16.9 | 18.3 | 4.3 | 720 |
| | 03-05 | 23.8 | | | 31.2 | | | | | | 24.1 | 20.9 | 5.2 | 718 |
| | 06-08 | 16.0 | | | 32.2 | | | | | | 28.2 | 23.6 | 5.9 | 720 |
| | 09-11 | 11.3 | | | 36.3 | | | | | | 30.1 | 22.4 | 6.0 | 720 |
| | 12-14 | 7.1 | | | 40.3 | | | | | | 32.4 | 20.3 | 6.1 | 720 |
| | 15-17 | 0.1 | | | 40.1 | | | | | | 32.9 | 18.9 | 6.1 | 720 |
| | 18-20 | 10.3 | | | 42.5 | | | | | | 31.0 | 16.3 | 5.7 | 720 |
| | 21-23 | 25.4 | | | 41.0 | | | | | | 18.8 | 14.9 | 4.4 | 720 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 16.9 | | | 36.9 | | | | | | 26.8 | 19.5 | 5.5 | 5758 |

SKY COVER

JUL
MON

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JUL | 00-02 | 36.9 | | | 30.1 | | | | | | 15.1 | 17.8 | 4.0 | 734 |
| | 03-05 | 26.3 | | | 32.7 | | | | | | 18.8 | 22.2 | 4.9 | 734 |
| | 06-08 | 15.1 | | | 32.1 | | | | | | 28.7 | 24.1 | 6.0 | 735 |
| | 09-11 | 13.2 | | | 33.6 | | | | | | 30.6 | 20.6 | 5.8 | 738 |
| | 12-14 | 11.1 | | | 38.6 | | | | | | 33.6 | 16.7 | 5.9 | 741 |
| | 15-17 | 10.5 | | | 43.3 | | | | | | 33.1 | 13.1 | 5.6 | 741 |
| | 18-20 | 15.9 | | | 47.0 | | | | | | 24.1 | 13.0 | 4.9 | 738 |
| | 21-23 | 26.2 | | | 38.8 | | | | | | 20.2 | 14.9 | 4.5 | 738 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 19.7 | | | 37.0 | | | | | | 25.5 | 17.8 | 5.2 | 5899 |

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14949
STATION

DEPUTT AFB NE

STATION NAME

71-78

PERIOD

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| AUG | 00-02 | 35.8 | | | 28.6 | | | | | | 16.3 | 19.4 | 4.3 | 744 |
| | 03-05 | 30.6 | | | 29.6 | | | | | | 19.9 | 19.8 | 4.7 | 742 |
| | 06-08 | 15.1 | | | 31.9 | | | | | | 31.5 | 21.4 | 5.9 | 742 |
| | 09-11 | 19.8 | | | 28.8 | | | | | | 27.6 | 23.9 | 5.7 | 744 |
| | 12-14 | 15.7 | | | 32.7 | | | | | | 32.3 | 19.4 | 5.8 | 744 |
| | 15-17 | 12.9 | | | 39.8 | | | | | | 29.6 | 17.7 | 5.6 | 744 |
| | 18-20 | 19.0 | | | 42.3 | | | | | | 24.6 | 14.1 | 4.9 | 744 |
| | 21-23 | 33.3 | | | 32.8 | | | | | | 19.9 | 14.0 | 4.2 | 744 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 22.8 | | | 33.3 | | | | | | 25.2 | 18.7 | 5.1 | 5948 |

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

4

14949 OFFUTT AFB NE
STATION

71-78

SEP
MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| SEP | 00-02 | 39.0 | | | 22.1 | | | | | | 14.3 | 24.6 | 4.4 | 720 |
| | 03-05 | 38.4 | | | 20.5 | | | | | | 14.5 | 26.6 | 4.6 | 717 |
| | 06-08 | 19.3 | | | 31.4 | | | | | | 19.3 | 30.0 | 5.7 | 714 |
| | 09-11 | 20.1 | | | 28.8 | | | | | | 20.9 | 30.2 | 5.8 | 718 |
| | 12-14 | 16.9 | | | 29.2 | | | | | | 23.5 | 30.4 | 6.0 | 720 |
| | 15-17 | 17.4 | | | 31.7 | | | | | | 23.5 | 27.4 | 5.8 | 719 |
| | 18-20 | 25.7 | | | 27.4 | | | | | | 22.5 | 24.3 | 5.3 | 719 |
| | 21-23 | 38.1 | | | 25.6 | | | | | | 13.8 | 22.6 | 4.3 | 720 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 26.9 | | | 27.1 | | | | | | 19.0 | 27.0 | 5.2 | 5747 |

FORM
NH 64

FORM 0-9-5 (OL A)
11-64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

OCT

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JCT | 00-02 | 45.5 | | | 18.5 | | | | | | 12.4 | 23.6 | 4.0 | 741 |
| | 03-05 | 45.2 | | | 18.4 | | | | | | 12.6 | 23.8 | 4.1 | 739 |
| | 06-08 | 21.7 | | | 29.2 | | | | | | 18.6 | 30.4 | 5.6 | 736 |
| | 09-11 | 12.4 | | | 25.7 | | | | | | 22.9 | 32.0 | 6.0 | 743 |
| | 12-14 | 18.1 | | | 25.9 | | | | | | 23.8 | 32.1 | 6.1 | 744 |
| | 15-17 | 18.4 | | | 25.2 | | | | | | 25.1 | 28.2 | 5.9 | 744 |
| | 18-20 | 25.8 | | | 27.7 | | | | | | 21.9 | 24.6 | 5.3 | 744 |
| | 21-23 | 18.0 | | | 21.4 | | | | | | 16.4 | 24.3 | 4.5 | 740 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 29.0 | | | 24.4 | | | | | | 19.2 | 27.4 | 5.2 | 5971 |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

C
4
0

11

NOV

MONTH

1

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

DEC

STATION

STATION NAME

PERIOD

MONTH

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| DEC | 00-02 | 24.2 | | | 21.0 | | | | | | 12.3 | 42.5 | 6.0 | 649 |
| | 03-05 | 27.3 | | | 16.3 | | | | | | 14.3 | 42.1 | 6.0 | 651 |
| | 06-08 | 16.7 | | | 20.7 | | | | | | 14.8 | 47.8 | 6.7 | 648 |
| | 09-11 | 10.3 | | | 23.5 | | | | | | 17.9 | 48.3 | 7.1 | 648 |
| | 12-14 | 8.6 | | | 20.0 | | | | | | 25.1 | 46.2 | 7.5 | 649 |
| | 15-17 | 10.0 | | | 19.9 | | | | | | 23.4 | 46.7 | 7.4 | 649 |
| | 18-20 | 17.7 | | | 22.0 | | | | | | 18.0 | 42.2 | 6.5 | 649 |
| | 21-23 | 21.1 | | | 23.1 | | | | | | 14.6 | 41.1 | 6.1 | 649 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.0 | | | 20.8 | | | | | | 17.6 | 44.6 | 6.7 | 5192 |

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14949
STATION

OFFUTT AFB NE

STATION NAME

71-78

PERIOD

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | ALL | 23.1 | | | 21.5 | | | | | | 17.5 | 37.9 | 6.0 | 5198 |
| FEB | | 22.4 | | | 19.9 | | | | | | 16.5 | 41.2 | 6.2 | 4732 |
| MAR | | 17.2 | | | 22.2 | | | | | | 17.2 | 43.4 | 6.6 | 5191 |
| APR | | 19.6 | | | 19.4 | | | | | | 21.6 | 39.4 | 6.5 | 5755 |
| MAY | | 17.3 | | | 25.3 | | | | | | 23.7 | 33.7 | 6.3 | 5946 |
| JUN | | 16.9 | | | 36.9 | | | | | | 26.8 | 19.5 | 5.5 | 5758 |
| JUL | | 19.7 | | | 37.0 | | | | | | 25.5 | 17.8 | 5.2 | 5899 |
| AUG | | 22.8 | | | 33.3 | | | | | | 25.2 | 18.7 | 5.1 | 5948 |
| SEP | | 26.9 | | | 27.1 | | | | | | 19.0 | 27.0 | 5.2 | 5747 |
| OCT | | 29.0 | | | 24.4 | | | | | | 19.2 | 27.4 | 5.2 | 5931 |
| NOV | | 17.9 | | | 20.3 | | | | | | 17.2 | 44.6 | 6.6 | 5733 |
| DEC | | 17.0 | | | 20.8 | | | | | | 17.6 | 44.6 | 6.7 | 5192 |
| TOTALS | | 20.8 | | | 25.7 | | | | | | 20.6 | 32.9 | 5.9 | 67030 |

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- * 1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- * 2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
14949 OFFUTT AFB NE

DAILY TEMPERATURES

STATION

STATION NAME

8-78

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 80 | | | | | | .2 | .4 | .3 | | | | | .1 |
| 75 | | | | | | 3.4 | 8.6 | 3.2 | .1 | | | | 1.3 |
| 70 | | | | | 1.4 | 13.2 | 35.7 | 19.6 | 3.8 | .2 | | | 6.2 |
| 65 | | | | .4 | 6.5 | 37.0 | 68.6 | 53.5 | 13.8 | 1.3 | | | 15.2 |
| 60 | | | .1 | 2.7 | 23.4 | 68.6 | 88.7 | 80.4 | 29.1 | 4.7 | | | 25.0 |
| 55 | | | | 6.9 | 43.7 | 86.8 | 97.4 | 94.8 | 50.6 | 14.9 | .3 | | 33.2 |
| 50 | | | 1.5 | 17.9 | 66.0 | 96.9 | 99.8 | 99.0 | 72.2 | 28.5 | 1.9 | | 40.5 |
| 45 | | .2 | 4.2 | 35.1 | 82.2 | 92.3 | 100.0 | 99.8 | 90.2 | 46.6 | 6.4 | .5 | 47.4 |
| 40 | .1 | .9 | 11.8 | 54.2 | 93.8 | 100.0 | | 100.0 | 97.1 | 66.6 | 16.3 | 1.2 | 53.8 |
| 35 | .9 | 3.7 | 24.7 | 72.7 | 98.3 | | | | 99.2 | 83.3 | 29.9 | 3.4 | 59.9 |
| 30 | 2.4 | 8.5 | 31.3 | 80.2 | 99.0 | | | | 99.8 | 89.1 | 36.9 | 6.3 | 63.0 |
| 25 | 6.2 | 19.1 | 46.3 | 91.1 | 99.0 | | | | 99.9 | 94.8 | 52.8 | 15.5 | 69.0 |
| 20 | 18.4 | 37.2 | 66.7 | 97.1 | 100.0 | | | | 100.0 | 99.2 | 73.4 | 33.1 | 77.2 |
| 15 | 31.2 | 51.8 | 79.2 | 99.4 | | | | | | 99.9 | 85.4 | 52.3 | 83.4 |
| 10 | 45.3 | 62.2 | 87.5 | 99.9 | | | | | | 100.0 | 93.2 | 67.6 | 88.1 |
| 5 | 55.5 | 74.7 | 93.8 | 100.0 | | | | | | | 96.4 | 79.1 | 91.7 |
| 0 | 67.1 | 85.4 | 97.8 | | | | | | | | 98.9 | 88.1 | 94.8 |
| -5 | 80.8 | 92.4 | 99.2 | | | | | | | | 99.8 | 93.0 | 97.1 |
| -10 | 91.0 | 97.3 | 99.7 | | | | | | | | 99.9 | 97.4 | 98.8 |
| -15 | 93.7 | 99.2 | | | | | | | | | | 99.2 | 99.5 |
| -20 | 99.2 | 99.8 | 100.0 | | | | | | | | 100.0 | 100.0 | 99.9 |
| -25 | 99.9 | 100.0 | | | | | | | | | | | 100.0 |
| -30 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 11.6 | 18.7 | 27.6 | 40.9 | 52.0 | 62.2 | 66.9 | 64.5 | 54.8 | 44.0 | 29.7 | 18.5 | 41.0 |
| S D | 12.534 | 11.854 | 10.644 | 9.203 | 8.319 | 6.686 | 5.743 | 5.865 | 8.286 | 9.332 | 9.953 | 11.037 | 20.956 |
| TOTAL OBS | 930 | 847 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10957 |

USAFETAC FORM 0-21.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC
14949 OFFUTT AFB NE

DAILY TEMPERATURES

STATION

STATION NAME

48-78

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 90 | | | | | | .6 | 1.7 | .2 | | | | | .2 |
| 85 | | | | | .1 | 4.0 | 11.4 | 4.0 | .6 | | | | 1.7 |
| 80 | | | | | 1.1 | 16.0 | 35.5 | 20.6 | 5.1 | .1 | | | 6.6 |
| 75 | | | | .7 | 8.4 | 38.1 | 65.2 | 53.5 | 14.7 | 1.0 | | | 15.3 |
| 70 | | | .1 | 3.6 | 25.6 | 66.4 | 87.7 | 79.2 | 29.4 | 6.5 | | | 25.1 |
| 65 | | | .5 | 11.0 | 43.4 | 87.4 | 98.3 | 95.7 | 54.2 | 18.1 | .2 | | 34.3 |
| 60 | | | 2.7 | 23.9 | 66.6 | 96.0 | 99.9 | 99.1 | 76.7 | 34.3 | 1.4 | | 41.9 |
| 55 | | .2 | 7.4 | 39.6 | 84.6 | 99.4 | 100.0 | 100.0 | 91.2 | 52.4 | 8.1 | | 48.8 |
| 50 | | 1.4 | 14.0 | 55.4 | 93.9 | 100.0 | | | 97.8 | 70.5 | 17.2 | 1.1 | 54.5 |
| 45 | .9 | 5.9 | 26.6 | 74.8 | 98.3 | | | | 99.8 | 86.5 | 31.7 | 4.0 | 60.9 |
| 40 | 3.7 | 16.5 | 42.4 | 88.8 | 99.8 | | | | 100.0 | 95.1 | 50.3 | 12.6 | 67.6 |
| 35 | 15.7 | 31.1 | 58.8 | 97.3 | 99.9 | | | | | 99.0 | 68.8 | 28.5 | 75.1 |
| 30 | 27.3 | 48.3 | 75.2 | 99.6 | 100.0 | | | | | 99.9 | 83.7 | 47.3 | 81.9 |
| 25 | 42.4 | 61.7 | 85.4 | 99.7 | | | | | | 100.0 | 92.7 | 63.2 | 87.2 |
| 20 | 56.6 | 73.9 | 92.9 | 100.0 | | | | | | | 96.3 | 75.6 | 91.3 |
| 15 | 67.1 | 84.5 | 97.5 | | | | | | | | 98.3 | 86.1 | 94.5 |
| 10 | 78.7 | 92.2 | 99.1 | | | | | | | | 99.7 | 92.8 | 96.9 |
| 5 | 88.3 | 97.5 | 99.6 | | | | | | | | 99.9 | 96.9 | 98.5 |
| 0 | 94.6 | 99.2 | 99.8 | | | | | | | | 100.0 | 98.7 | 99.4 |
| -5 | 98.6 | 99.5 | 100.0 | | | | | | | | | 99.9 | 99.9 |
| -10 | 99.9 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| -15 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 20.7 | 27.6 | 37.1 | 51.7 | 63.1 | 72.4 | 76.9 | 74.6 | 65.4 | 55.2 | 39.4 | 27.4 | 51.0 |
| S D | 12.435 | 11.686 | 11.737 | 9.839 | 8.387 | 6.971 | 6.062 | 5.985 | 8.189 | 9.390 | 10.432 | 11.136 | 21.451 |
| TOTAL OBS | 930 | 847 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10957 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE
STATION STATION NAME

48-78
YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH YEAR | JAN | FEB | MAR. | APR. | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---------------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|---------------|
| 48 | | | | | | | | | | | | 62 | |
| 49 | 50 | 44 | 70 | 88 | 91 | 96 | 95 | 93 | 89 | 88 | 78 | 56 | 96 |
| 50 | 50 | 53 | 75 | 92 | 90 | 95 | 90 | 88 | 87 | 85 | 71 | 56 | 95 |
| 51 | 64 | 72 | 75 | 85 | 86 | 87 | 95 | 100 | 90 | 85 | 67 | 60 | 100 |
| 52 | 57 | 58 | 75 | 85 | 93 | 103 | 105 | 91 | 93 | 80 | 76 | 53 | 105 |
| 53 | 52 | 55 | 72 | 84 | 93 | 103 | 98 | 98 | 100 | 94 | 78 | 56 | 103 |
| 54 | 54 | 68 | 63 | 90 | 88 | 105 | 106 | 105 | 100 | 89 | 75 | 55 | 106 |
| 55 | 53 | 44 | 72 | 89 | 91 | 93 | 103 | 104 | 102 | 85 | 73 | 55 | 104 |
| 56 | 63 | 63 | 81 | 92 | 96 | 101 | 106 | 99 | 98 | 89 | 70 | 64 | 106 |
| 57 | 44 | 64 | 74 | 85 | 85 | 93 | 105 | 98 | 90 | 79 | 56 | 62 | 105 |
| 58 | 49 | 59 | 62 | 84 | 91 | 96 | 92 | 97 | 90 | 90 | 80 | 58 | 97 |
| 59 | 50 | 53 | 74 | 86 | 92 | 96 | 95 | 97 | 93 | 75 | 69 | 63 | 97 |
| 60 | 43 | 48 | 59 | 90 | 86 | 94 | 98 | 94 | 94 | 84 | 74 | 57 | 98 |
| 61 | 60 | 66 | 68 | 88 | 86 | 99 | 96 | 93 | 94 | 83 | 67 | 58 | 99 |
| 62 | 45 | 58 | 76 | 85 | 92 | 85 | 95 | 92 | 88 | 83 | 67 | 60 | 95 |
| 63 | 57 | 54 | 80 | 82 | 90 | 95 | 95 | 99 | 88 | 93 | 67 | 60 | 99 |
| 64 | 62 | 56 | 71 | 89 | 90 | 90 | 98 | 103 | 91 | 80 | 78 | 66 | 103 |
| 65 | 55 | 58 | 61 | 86 | 90 | 88 | 93 | 96 | 86 | 80 | 76 | 63 | 96 |
| 66 | 47 | 59 | 79 | 79 | 95 | 94 | 103 | 96 | 82 | 85 | 67 | 56 | 103 |
| 67 | 57 | 70 | 83 | 83 | 98 | 89 | 97 | 91 | 88 | 85 | 67 | 57 | 98 |
| 68 | 54 | 53 | 88 | 86 | 90 | 97 | 99 | 101 | 92 | 84 | 67 | 60 | 101 |
| 69 | 45 | 46 | 69 | 76 | 88 | 100 | 96 | 92 | 88 | 90 | 68 | 54 | 100 |
| 70 | 46 | 65 | 66 | 88 | 90 | 96 | 100 | 94 | 94 | 84 | 67 | 61 | 100 |
| 71 | 57 | 55 | 79 | 69 | 83 | 100 | 96 | 93 | 97 | 86 | 69 | 54 | 100 |
| 72 | 50 | 77 | 78 | 90 | 87 | 95 | 94 | 98 | 92 | 84 | 66 | 54 | 96 |
| 73 | 53 | 60 | 66 | 78 | 90 | 96 | 93 | 98 | 86 | 83 | 70 | 65 | 98 |
| 74 | 55 | 64 | 75 | 82 | 86 | 101 | 109 | 97 | 91 | 85 | 68 | 51 | 109 |
| 75 | 43 | 42 | 70 | 80 | 90 | 88 | 96 | 98 | 95 | 91 | 68 | 62 | 98 |
| 76 | 55 | 68 | 79 | 84 | 84 | 95 | 98 | 100 | 94 | 90 | 72 | 68 | 100 |
| 77 | 42 | 69 | 77 | 85 | 88 | 102 | 102 | 92 | 84 | 75 | 64 | 55 | 102 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

14949 OFFUTT AFB NE

48-78

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH YEAR | JAN | FEB | MAR. | APR | MAY | JUN | JUL | AUG | SEP. | OCT | NOV | DEC | ALL MONTHS |
|---------------|-----|-----|------|-----|-----|-----|-----|-----|------|-----|-----|-----|---------------|
| 48 | | | | | | | | | | | | -5 | |
| 49 | -11 | -7 | 7 | 29 | 43 | 56 | 56 | 52 | 33 | 22 | 21 | 5 | -11 |
| 50 | -14 | -8 | 5 | 18 | 37 | 43 | 52 | 42 | 42 | 33 | 6 | -12 | -14 |
| 51 | -7 | -13 | 6 | 28 | 38 | 44 | 53 | 52 | 31 | 20 | 13 | -12 | -13 |
| 52 | -3 | 13 | 3 | 21 | 38 | 53 | 55 | 54 | 42 | 25 | 2 | 5 | -3 |
| 53 | -8 | 8 | 16 | 23 | 37 | 51 | 58 | 55 | 42 | 28 | 19 | 4 | -8 |
| 54 | -12 | 12 | 9 | 20 | 32 | 46 | 62 | 61 | 40 | 26 | 18 | 11 | -12 |
| 55 | -7 | -11 | 3 | 30 | 41 | 47 | 63 | 52 | 40 | 29 | 1 | 0 | -11 |
| 56 | -8 | -8 | 4 | 23 | 40 | 42 | 56 | 51 | 34 | 34 | 9 | 5 | -8 |
| 57 | -11 | 8 | 18 | 17 | 39 | 51 | 62 | 57 | 45 | 23 | 14 | 1 | -11 |
| 58 | -5 | -15 | 14 | 27 | 43 | 47 | 59 | 50 | 41 | 29 | 8 | -1 | -15 |
| 59 | -13 | -5 | 15 | 24 | 35 | 51 | 51 | 57 | 41 | 32 | 1 | 12 | -13 |
| 60 | -10 | -8 | -15 | 28 | 38 | 53 | 54 | 58 | 40 | 23 | 11 | -2 | -15 |
| 61 | -13 | -1 | 25 | 25 | 31 | 48 | 57 | 58 | 36 | 29 | 18 | -13 | -13 |
| 62 | -17 | -16 | -12 | 21 | 37 | 51 | 53 | 48 | 39 | 25 | 20 | -10 | -17 |
| 63 | -19 | -2 | 14 | 27 | 31 | 56 | 59 | 55 | 42 | 28 | 17 | -11 | -19 |
| 64 | -13 | 5 | 3 | 27 | 40 | 43 | 57 | 45 | 38 | 27 | -11 | -8 | -13 |
| 65 | -13 | -7 | 3 | 31 | 41 | 52 | 58 | 52 | 29 | 26 | 9 | 6 | -13 |
| 66 | -20 | -2 | 7 | 23 | 32 | 47 | 59 | 42 | 42 | 26 | 13 | 3 | -20 |
| 67 | -11 | -4 | 3 | 27 | 28 | 47 | 51 | 47 | 36 | 23 | 15 | -10 | -11 |
| 68 | -16 | -2 | 9 | 20 | 37 | 48 | 52 | 56 | 44 | 29 | 5 | -14 | -16 |
| 69 | -13 | -6 | 6 | 26 | 38 | 43 | 59 | 59 | 41 | 22 | 15 | 4 | -13 |
| 70 | -14 | -2 | 10 | 19 | 31 | 51 | 51 | 54 | 37 | 29 | 8 | 7 | -14 |
| 71 | -14 | -18 | 5 | 23 | 32 | 56 | 45 | 51 | 34 | 29 | 14 | 10 | -18 |
| 72 | -14 | -9 | 6 | 23 | 42 | 47 | 48 | 53 | 34 | 18 | 22 | -5 | -14 |
| 73 | -11 | -1 | 26 | 25 | 37 | 53 | 59 | 55 | 36 | 30 | 21 | -8 | -11 |
| 74 | -22 | 5 | 7 | 29 | 42 | 48 | 57 | 51 | 37 | 32 | 20 | 10 | -22 |
| 75 | -5 | -15 | -3 | 10 | 39 | 49 | 52 | 56 | 34 | 27 | 7 | -4 | -15 |
| 76 | -11 | 5 | 9 | 31 | 29 | 47 | 55 | 52 | 38 | 25 | 0 | -11 | -11 |
| 77 | -16 | 1 | 17 | 30 | 51 | 53 | 58 | 56 | 50 | 34 | 8 | 0 | -16 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OIA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

(FROM DAILY OBSERVATIONS)

48-78

YEARS

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)
USAF ETAC FORM 0-8-5 (OIA) # (AT LEAST ONE DAY LESS THAN 24 DBS)

4

(

69-74

YEARS

JAN
MONTH

—

(

6

USAFETAC

(4)

C

JAN
MONTH

STATION

STATION NAME

YEARS

MONTH

0300-0500

HOURS (L, S, T.)

FORM 0-26-5 (OIA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

14949 QF FUTT AFB NE

69-78

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0300-0500

HOURS (L, S, T.)

[illegible]

C
4
C

JAN

14949
STATI

OFFUTT AFB NE

69-78

YEARS

PAGE 2

0500-0800

HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|----------------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 15 | | | |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| TOTAL | 28.3 | 63.1 | 7.4 | 1.2 | | | | | | | | | | | | | | | 930 | | 930 | | | |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | | | | |
| Element (X) | Z _x ¹ | Z _x | X̄ | e _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | |
| Rel. Hum. | 5207480 | 68516 | 73.7 | 13.111 | 930 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | 93 | | | | | | | | | | | | |
| Dry Bulb | 378806 | 13620 | 14.6 | 13.894 | 930 | 16.5 | 83.8 | | | | | 93 | | | | | | | | | | | | |
| Wet Bulb | 335242 | 12574 | 13.5 | 13.337 | 930 | 14.6 | 88.5 | | | | | 93 | | | | | | | | | | | | |
| Dew Point | 290467 | 7043 | 7.6 | 15.977 | 930 | 31.4 | 91.2 | | | | | 93 | | | | | | | | | | | | |

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|------|----------------|----------|------------------------------------|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|----|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | | 12 | | | | | | | | | | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | | |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| TOTAL | 18.4 | 63.0 | 14.2 | 3.2 | 1.0 | .1 | | | | | | | | | | | | | 928 | 929 | 928 | | | | | | | | | | | |
| Total | ΣX ² | ΣX | X̄ | s _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 4705347 | 64825 | 69.9 | 13.8 | 19 | 928 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | 93 | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 460263 | 16109 | 17.3 | 13.9 | 63 | 929 | 12.8 | 78.2 | | | | | 93 | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 390226 | 14596 | 15.7 | 13.1 | 65 | 928 | 14.9 | 84.4 | | | | | 93 | | | | | | | | | | | | | | | | | | | |
| Dew Point | 305445 | 8239 | 8.9 | 15.8 | 30 | 928 | 28.2 | 90.9 | | | | | 93 | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

HOURS (L, S, T)

PSYCHROMETRIC SUMMARY

14949
STAT

OFFUTT AFB NE

69-78

JAN

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

69-78

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|-------|------------------------------------|--------|--------|--------|--------|--------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|----|----|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | .1 | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 | | | | | |
| 56/ 55 | | | | | | | .3 | .1 | | | | | | | | | | 4 | | | | | | | | | | | | | | 4 | | | | | |
| 54/ 53 | | | .1 | | | .1 | | | | | | | | | | | | 2 | | | | | | | | | | | | | | 2 | | | | | |
| 52/ 51 | | | .2 | | .2 | .3 | .1 | | | | | | | | | | | 8 | | | | | | | | | | | | | | 8 | | | | | |
| 50/ 49 | | | | .3 | | .1 | .1 | | | | | | | | | | | 5 | | | | | | | | | | | | | | 5 | 3 | | | | |
| 48/ 47 | | | .2 | .2 | .2 | .5 | .2 | | | | | | | | | | | 13 | | | | | | | | | | | | | | 13 | | 1 | | | |
| 46/ 45 | | | .1 | 1.2 | 1.0 | 1.3 | | | | | | | | | | | | 33 | | | | | | | | | | | | | | 33 | 3 | 2 | | | |
| 44/ 43 | | | .4 | 1.3 | .9 | .5 | | | | | | | | | | | | 29 | | | | | | | | | | | | | | 29 | 11 | | | | |
| 42/ 41 | | .2 | 1.0 | .6 | .4 | .2 | | | | | | | | | | | | 23 | | | | | | | | | | | | | | 23 | 7 | | | | |
| 40/ 39 | | .6 | 1.9 | 1.0 | .9 | .1 | | | | | | | | | | | | 42 | | | | | | | | | | | | | | 42 | 28 | 5 | | | |
| 38/ 37 | | .9 | 2.2 | 1.5 | .8 | .2 | | | | | | | | | | | | 51 | | | | | | | | | | | | | | 51 | 46 | 2 | | | |
| 36/ 35 | .5 | .8 | 1.4 | .8 | .3 | | | | | | | | | | | | | 35 | | | | | | | | | | | | | | 35 | 38 | 11 | | | |
| 34/ 33 | .3 | 2.2 | 3.3 | 1.0 | .3 | | | | | | | | | | | | | 66 | | | | | | | | | | | | | | 66 | 48 | 29 | | | |
| 32/ 31 | | 1.9 | 1.0 | .1 | .1 | | | | | | | | | | | | | 35 | | | | | | | | | | | | | | 35 | 58 | 39 | | | |
| 30/ 29 | .4 | 1.6 | 1.8 | .5 | | | | | | | | | | | | | | 41 | | | | | | | | | | | | | | 41 | 73 | 49 | | | |
| 28/ 27 | | 1.7 | 1.9 | .4 | | | | | | | | | | | | | | 38 | | | | | | | | | | | | | | 38 | 35 | 51 | | | |
| 26/ 25 | .4 | 1.6 | 2.5 | .3 | | | | | | | | | | | | | | 44 | | | | | | | | | | | | | | 44 | 47 | 53 | | | |
| 24/ 23 | .2 | 1.7 | 1.4 | .2 | | | | | | | | | | | | | | 34 | | | | | | | | | | | | | | 34 | 39 | 49 | | | |
| 22/ 21 | .1 | 4.2 | 2.5 | .3 | | | | | | | | | | | | | | 66 | | | | | | | | | | | | | | 66 | 42 | 46 | | | |
| 20/ 19 | .1 | 3.5 | 1.0 | | | | | | | | | | | | | | | 43 | | | | | | | | | | | | | | 43 | 65 | 42 | | | |
| 18/ 17 | .1 | 2.2 | .6 | | | | | | | | | | | | | | | 27 | | | | | | | | | | | | | | 27 | 46 | 44 | | | |
| 16/ 15 | .1 | 1.9 | 1.2 | | | | | | | | | | | | | | | 30 | | | | | | | | | | | | | | 30 | 32 | 44 | | | |
| 14/ 13 | | 1.9 | 1.6 | | | | | | | | | | | | | | | 33 | | | | | | | | | | | | | | 33 | 33 | 19 | 46 | | |
| 12/ 11 | .1 | 3.4 | .6 | | | | | | | | | | | | | | | 39 | | | | | | | | | | | | | | 39 | 41 | 41 | | | |
| 10/ 9 | .3 | 4.1 | .5 | | | | | | | | | | | | | | | 46 | | | | | | | | | | | | | | 46 | 47 | 55 | | | |
| 8/ 7 | | 3.3 | .8 | | | | | | | | | | | | | | | 38 | | | | | | | | | | | | | | 38 | 46 | 22 | | | |
| 6/ 5 | | 2.7 | | | | | | | | | | | | | | | | 25 | | | | | | | | | | | | | | 25 | 34 | 22 | | | |
| 4/ 3 | | 1.7 | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | 16 | 23 | 23 | | | |
| 2/ 1 | | 2.2 | | | | | | | | | | | | | | | | 20 | | | | | | | | | | | | | | 20 | 21 | 25 | | | |
| 0/ -1 | 1.7 | 1.3 | | | | | | | | | | | | | | | | 28 | | | | | | | | | | | | | | 28 | 38 | 30 | | | |
| -2/ -3 | .2 | .8 | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | 9 | 14 | 26 | | | |
| -4/ -5 | | .3 | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | 3 | 2 | 34 | | | |
| -6/ -7 | .1 | .2 | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | 3 | 4 | 29 | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 | | |
| Element (X) | Σ X ² | | | Σ X | | | Σ | Σ | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 57 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

()

JAN

YEARS

MONTH

1500-1700

HOURS (L. S. T.)

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

4

(

JAN

MONTH

1800-2000

HOURS (L, S, T)

USAFETAC FORM 0-2.5-5 (DLA)

(4)

JAN
MONTH

4,9-78

STATION

STATION NAME

YEARS

PAGE 2 1800-2000
HOURS (L. S. T.)

USAFETAC
FORM
23, 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

09-78

JAN

STATION

STATION NAME

YEARS

PAGE 1

2100-2300

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|------------------------------------|-----------|--------|--------|--------|--------|-------|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 52/ 51 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 48/ 47 | | .2 | | .1 | | | | | | | | | | | | | | 3 | 3 | | 1 | | | | | | | | | | | |
| 46/ 45 | | | | | .2 | | | | | | | | | | | | | 2 | 2 | 2 | 2 | | | | | | | | | | | |
| 44/ 43 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | |
| 42/ 41 | | .1 | .1 | .2 | | | | | | | | | | | | | | 4 | 4 | 2 | 1 | | | | | | | | | | | |
| 40/ 39 | | .5 | 1.2 | .3 | | | | | | | | | | | | | | 19 | 19 | 3 | | | | | | | | | | | | |
| 38/ 37 | .2 | 1.5 | 1.1 | .8 | .2 | | | | | | | | | | | | | 35 | 35 | 11 | 2 | | | | | | | | | | | |
| 36/ 35 | .3 | 2.0 | 1.7 | 1.1 | .2 | | | | | | | | | | | | | 50 | 50 | 35 | 6 | | | | | | | | | | | |
| 34/ 33 | .8 | 3.0 | 1.9 | | | | | | | | | | | | | | | 53 | 53 | 44 | 19 | | | | | | | | | | | |
| 32/ 31 | .5 | 2.5 | 1.4 | .2 | | | | | | | | | | | | | | 43 | 43 | 59 | 33 | | | | | | | | | | | |
| 30/ 29 | .2 | 2.3 | 2.3 | | | | | | | | | | | | | | | 44 | 44 | 57 | 42 | | | | | | | | | | | |
| 28/ 27 | 1.3 | 3.6 | 1.7 | | | | | | | | | | | | | | | 61 | 61 | 46 | 53 | | | | | | | | | | | |
| 26/ 25 | .3 | 2.8 | 1.0 | .1 | | | | | | | | | | | | | | 39 | 39 | 56 | 46 | | | | | | | | | | | |
| 24/ 23 | .4 | 3.4 | .5 | | | | | | | | | | | | | | | 41 | 41 | 51 | 36 | | | | | | | | | | | |
| 22/ 21 | .3 | 3.1 | .5 | | | | | | | | | | | | | | | 37 | 37 | 45 | 42 | | | | | | | | | | | |
| 20/ 19 | .5 | 5.2 | .3 | | | | | | | | | | | | | | | 56 | 56 | 35 | 41 | | | | | | | | | | | |
| 18/ 17 | .5 | 4.1 | .2 | | | | | | | | | | | | | | | 45 | 45 | 54 | 55 | | | | | | | | | | | |
| 16/ 15 | .2 | 3.4 | .8 | | | | | | | | | | | | | | | 41 | 41 | 41 | 44 | | | | | | | | | | | |
| 14/ 13 | .5 | 2.2 | .5 | | | | | | | | | | | | | | | 30 | 30 | 41 | 33 | | | | | | | | | | | |
| 12/ 11 | .3 | 2.5 | .1 | | | | | | | | | | | | | | | 27 | 27 | 31 | 43 | | | | | | | | | | | |
| 10/ 9 | .9 | 4.3 | .5 | | | | | | | | | | | | | | | 53 | 53 | 39 | 40 | | | | | | | | | | | |
| 8/ 7 | .5 | 3.2 | | | | | | | | | | | | | | | | 35 | 35 | 43 | 37 | | | | | | | | | | | |
| 6/ 5 | .9 | 2.0 | | | | | | | | | | | | | | | | 27 | 27 | 37 | 38 | | | | | | | | | | | |
| 4/ 3 | .5 | 3.9 | | | | | | | | | | | | | | | | 41 | 41 | 33 | 24 | | | | | | | | | | | |
| 2/ 1 | .8 | 4.1 | | | | | | | | | | | | | | | | 45 | 45 | 40 | 27 | | | | | | | | | | | |
| 0/ -1 | 2.2 | 1.4 | | | | | | | | | | | | | | | | 33 | 33 | 53 | 36 | | | | | | | | | | | |
| -2/ -3 | .9 | 1.7 | | | | | | | | | | | | | | | | 24 | 24 | 26 | 23 | | | | | | | | | | | |
| -4/ -5 | .8 | .4 | | | | | | | | | | | | | | | | 11 | 11 | 16 | 29 | | | | | | | | | | | |
| -6/ -7 | 1.2 | .4 | | | | | | | | | | | | | | | | 15 | 15 | 16 | 32 | | | | | | | | | | | |
| -8/ -9 | .6 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 26 | | | | | | | | | | | |
| -10/-11 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 32 | | | | | | | | | | | |
| -12/-13 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 21 | | | | | | | | | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 17 | | | | | | | | | | | |
| Element (X) | Σ x ² | | | Σ x | | | Σ | Σ | | | Σ | | | Σ | | | Σ | | | Mean No. of Hours with Temperature | | | Σ | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFCTAC

4

(

59-78

JAN

YEARS:

2100-2300

HOURS (L, S, T.)

FORM
JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

09-78

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 58/ 57 | | | | | | | .0 | | | | | | | | | | | 1 | 1 | | | | | | |
| 56/ 55 | | | | | | | .1 | .0 | | | | | | | | | | 5 | 5 | | | | | | |
| 54/ 53 | | | .0 | | | .0 | .0 | | | | | | | | | | | 3 | 3 | | | | | | |
| 52/ 51 | | .0 | .1 | | .1 | .1 | .0 | | | | | | | | | | | 16 | 16 | | | | | | |
| 50/ 49 | | .0 | | .1 | .1 | .1 | .0 | | | | | | | | | | | 15 | 15 | 5 | | | | | |
| 48/ 47 | | .1 | .1 | .1 | .1 | .1 | .0 | | | | | | | | | | | 31 | 31 | 3 | | | | | |
| 46/ 45 | | .1 | .1 | .3 | .3 | .3 | .0 | | | | | | | | | | | 80 | 80 | 9 | | | | | |
| 44/ 43 | | .1 | .2 | .3 | .3 | .1 | | | | | | | | | | | | 78 | 78 | 32 | | | | | |
| 42/ 41 | | .1 | .4 | .5 | .2 | .1 | .0 | | | | | | | | | | | 93 | 93 | 30 | | | | | |
| 40/ 39 | | .5 | 1.1 | .6 | .3 | .0 | | | | | | | | | | | | 178 | 178 | 62 | | | | | |
| 38/ 37 | .0 | .8 | 1.3 | .8 | .3 | .1 | | | | | | | | | | | | 249 | 249 | 158 | | | | | |
| 36/ 35 | .4 | 1.2 | 1.7 | .5 | .1 | | | | | | | | | | | | | 293 | 293 | 256 | | | | | |
| 34/ 33 | .4 | 2.5 | 2.2 | .5 | .1 | | | | | | | | | | | | | 426 | 426 | 307 | | | | | |
| 32/ 31 | .4 | 2.3 | 1.2 | .2 | .0 | | | | | | | | | | | | | 307 | 307 | 466 | | | | | |
| 30/ 29 | .4 | 2.9 | 1.6 | .1 | | | | | | | | | | | | | | 371 | 371 | 450 | | | | | |
| 28/ 27 | .7 | 3.5 | 1.3 | .1 | | | | | | | | | | | | | | 440 | 440 | 402 | | | | | |
| 26/ 25 | .4 | 3.0 | 1.0 | .1 | | | | | | | | | | | | | | 336 | 336 | 433 | | | | | |
| 24/ 23 | .4 | 2.9 | .6 | .1 | | | | | | | | | | | | | | 289 | 289 | 344 | | | | | |
| 22/ 21 | .3 | 3.4 | 1.0 | .0 | | | | | | | | | | | | | | 353 | 353 | 318 | | | | | |
| 20/ 19 | .5 | 4.3 | .6 | .0 | | | | | | | | | | | | | | 406 | 407 | 350 | | | | | |
| 18/ 17 | .5 | 3.1 | .3 | .0 | | | | | | | | | | | | | | 290 | 290 | 420 | | | | | |
| 16/ 15 | .5 | 3.1 | .5 | | | | | | | | | | | | | | | 305 | 307 | 319 | | | | | |
| 14/ 13 | .4 | 2.9 | .5 | | | | | | | | | | | | | | | 282 | 282 | 279 | | | | | |
| 12/ 11 | .4 | 3.0 | .4 | | | | | | | | | | | | | | | 284 | 284 | 282 | | | | | |
| 10/ 9 | .6 | 4.0 | .4 | | | | | | | | | | | | | | | 383 | 383 | 324 | | | | | |
| 8/ 7 | .4 | 3.4 | .2 | | | | | | | | | | | | | | | 295 | 295 | 341 | | | | | |
| 6/ 5 | .4 | 2.5 | | | | | | | | | | | | | | | | 211 | 211 | 295 | | | | | |
| 4/ 3 | .6 | 3.2 | | | | | | | | | | | | | | | | 279 | 279 | 237 | | | | | |
| 2/ 1 | .5 | 3.4 | | | | | | | | | | | | | | | | 291 | 291 | 292 | | | | | |
| 0/ -1 | 2.2 | 1.1 | | | | | | | | | | | | | | | | 247 | 247 | 367 | | | | | |
| -2/ -3 | .6 | 1.7 | | | | | | | | | | | | | | | | 185 | 185 | 202 | | | | | |
| -4/ -5 | .5 | .9 | | | | | | | | | | | | | | | | 108 | 108 | 120 | | | | | |
| -6/ -7 | .9 | .3 | | | | | | | | | | | | | | | | 90 | 90 | 112 | | | | | |
| -8/ -9 | 1.3 | | | </ | | | | | | | | | | | | | | | | | | | | | |

FORM
JUL 64

FORM JUL 64

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1978

JAN
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| -10/-11 | .8 | | | | | | | | | | | | | | | | | 61 | 61 | 61 | 192 | | | |
| -12/-13 | .5 | | | | | | | | | | | | | | | | | 37 | 37 | 37 | 168 | | | |
| -14/-15 | .2 | | | | | | | | | | | | | | | | | 12 | 12 | 12 | 157 | | | |
| -16/-17 | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 175 | | | |
| -18/-19 | .1 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 130 | | | |
| -20/-21 | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 83 | | | |
| -22/-23 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 38 | | | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 47 | | | |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | 33 | | | |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| -30/-31 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| TOTAL | 15.7 | 60.3 | 16.7 | 4.5 | 1.8 | .8 | .2 | .0 | | | | | | | | | | 7435 | 7438 | 7435 | 7435 | | | |
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USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

14949
STATION

OFFUTT AFB NE

STATION NAME

69-76

PSYCHROMETRIC SUMMARY

FE8

MONTH

PAGE 2

0000-0200

HOURS (1 - 5 - 7 -)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|--------------|-------------------------------------|----------------|-------|----------------|----------|------------------------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 8 |
| -12/-13 | .2 | | | | | | | | | | | | | | | | | ? | 2 | 2 | 14 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 6 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 1 |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 1 |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 11.36 | 2.17 | 0.0 | 5.7 | .7 | .1 | | .1 | | | | | | | | | | 846 | 846 | 846 | 846 |
| Element (X) | Z _X ² | Z _X | X̄ | e _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | s 0 F | s 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | |
| Rel. Hum. | 4746810 | 62660 | 74.11 | 1.191 | 846 | | | | | | | | | | | | | | | | |
| Dry Bulb | 624982 | 20696 | 24.51 | 1.852 | 846 | | | | | | | 2.3 | 60.5 | | | | | 84 | | | |
| Wet Bulb | 530780 | 19036 | 22.51 | 1.011 | 846 | | | | | | | 3.3 | 69.5 | | | | | 84 | | | |
| Dew Point | 377224 | 14500 | 17.11 | 2.341 | 846 | | | | | | | 8.1 | 79.9 | | | | | 84 | | | |

4

FEB
MONTH

YEARS

HOURS (L, S, T.)

USAFETAC FORM 0-26-5 (Q1A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

0300-0500

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

69-78

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------|------------------------------------|-------|-------|-------|-------|-------|-------|----------|----------|-----------|--------|--------|-------|--|--|--|--|--|--|--|--|----|----|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | |
| 54/ 53 | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 48/ 47 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | |
| 46/ 45 | | .1 | .1 | | | | | | | .1 | .2 | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 2 | 1 | | |
| 44/ 43 | | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 1 | 2 | | |
| 42/ 41 | | | .2 | .5 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 1 | | | |
| 40/ 39 | .2 | | 1.2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | 5 | | | |
| 38/ 37 | .1 | .7 | .7 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | 8 | 4 | | |
| 36/ 35 | .1 | 1.5 | 2.5 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 39 | 39 | 23 | 4 | | |
| 34/ 33 | .5 | 5.0 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 72 | 72 | 38 | 8 | | |
| 32/ 31 | .4 | 4.6 | 1.7 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 60 | 66 | 26 | | |
| 30/ 29 | .8 | 6.1 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 75 | 75 | 87 | 45 | | |
| 28/ 27 | 1.4 | 5.4 | 1.8 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 74 | 74 | 80 | 74 | | |
| 26/ 25 | .6 | 5.3 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 54 | 54 | 59 | 67 | | |
| 24/ 23 | .2 | 4.1 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 40 | 57 | 64 | | |
| 22/ 21 | .6 | 5.7 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 58 | 58 | 56 | 57 | | |
| 20/ 19 | .8 | 3.3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | 36 | 41 | 62 | | |
| 18/ 17 | .2 | 2.4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | 39 | 48 | | |
| 16/ 15 | .7 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 29 | 37 | | |
| 14/ 13 | 1.4 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 42 | 42 | 39 | 25 | | |
| 12/ 11 | .7 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | 31 | 29 | 42 | | |
| 10/ 9 | 1.3 | 3.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44 | 44 | 41 | 49 | | |
| 8/ 7 | .6 | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | 31 | 36 | | |
| 6/ 5 | .6 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | 26 | 18 | | |
| 4/ 3 | .6 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | 17 | 39 | | |
| 2/ 1 | .1 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 18 | 16 | 25 | | |
| 0/ -1 | .9 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | 15 | 18 | | |
| -2/ -3 | .8 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | 14 | 15 | | |
| -4/ -5 | .6 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | 10 | 7 | | |
| -6/ -7 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 10 | | |
| -8/ -9 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 9 | | |
| -10/ -11 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 13 | | |
| -12/ -13 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 | | |
| Element (X) | Σ x ² | | | Σ x | | | Σ | Σ | Σ | No. Obs. | Mean No. of Hours with Temperature | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

REVISOR: 0-26-5 (O.L.A.)

FORM 44

USAFETAC

14949 OFFUTT AFB NE

14949
STAT

OFFUTT AFB NE

STATION NAME

69-78

YEARS

FEB

MONTH

PAGE 2

0900-1100

HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| -6/-7 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 6 | | | |
| -8/-9 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 12 | | | |
| -10/-11 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 15 | | | |
| -12/-13 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 7 | | | |
| -14/-15 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 9 | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| TOTAL | 7.1 | 55.1 | 24.2 | 8.0 | 4.0 | .7 | .5 | .2 | | .1 | | | | | | | | 846 | 846 | 846 | 846 | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4286665 | 59159 | 69.9 | 11.315 | 846 | | | | | | | |
| Dry Bulb | 709378 | 22042 | 26.1 | 12.644 | 846 | 2.4 | 54.6 | | | | | 84 |
| Wet Bulb | 577366 | 19890 | 23.5 | 11.396 | 846 | 3.1 | 63.5 | | | | | 84 |
| Dew Point | 388582 | 14510 | 17.2 | 12.859 | 846 | 0.5 | 78.4 | | | | | 84 |

PSYCHROMETRIC SUMMARY

FEB

MONTH

1200-1400

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

42-76

FEB

STATION

STATION NAME

YEARS

MON: H

PAGE 2 1200-1400

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 4/ 3 | | .9 | | | | | | | | | | | | | | | | 8 | 8 | 5 | 23 | | | |
| 2/ 1 | | .5 | | | | | | | | | | | | | | | | 4 | 4 | 8 | 12 | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | 4 | 13 | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 18 | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 8 | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 8 | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 16 | | | |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| TOTAL | 1.1 | 36.3 | 25.5 | 16.3 | 8.6 | 6.0 | 3.2 | 1.5 | .6 | .5 | .2 | .1 | | | | | | 846 | 846 | 846 | 846 | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1978

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------|-------|-------|------------------------------------|-------|-------|-------|------|----------|----------|-----------|--|--|-------|--|--|--|--|--|--|--|--|--|----|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | | | | | .1 | .1 | | | | | 2 | | | | | | | | | | | | | | | | 2 | | | |
| 76/ 75 | | | | | | | | | | | | .1 | .2 | | | | | 3 | | | | | | | | | | | | | | | | 3 | | | |
| 74/ 73 | | | | | | | | | | | | .1 | | | | | | 1 | | | | | | | | | | | | | | | 1 | | | | |
| 70/ 69 | | | | | | | | | | | | .1 | | | | | | 1 | | | | | | | | | | | | | | | 1 | | | | |
| 68/ 67 | | | | | | | | | | | .1 | .1 | .1 | | | | | 3 | | | | | | | | | | | | | | | 3 | | | | |
| 66/ 65 | | | | | | | | .1 | .1 | | | | | | | | | 2 | | | | | | | | | | | | | | | 2 | | | | |
| 64/ 63 | | | | | | | .1 | .4 | | | | | | | | | | 4 | | | | | | | | | | | | | | | 4 | | | | |
| 62/ 61 | | | | | | .1 | .5 | .8 | | | | | | | | | | 12 | | | | | | | | | | | | | | | 12 | | | | |
| 60/ 59 | | | | .1 | .2 | .1 | .2 | | | | | | | | | | | 6 | | | | | | | | | | | | | | | 6 | | | | |
| 58/ 57 | | | | .1 | .2 | .5 | .6 | .2 | | | | | | | | | | 14 | | | | | | | | | | | | | | | 14 | | | | |
| 56/ 55 | | | | | .4 | 1.2 | .4 | | | | | | | | | | | 16 | | | | | | | | | | | | | | | 16 | | 1 | | |
| 54/ 53 | | | | .4 | .7 | 1.7 | .6 | 1.1 | | | | | | | | | | 37 | | | | | | | | | | | | | | | 37 | | 3 | | |
| 52/ 51 | | | | .2 | .4 | .6 | .7 | | | | | | | | | | | 16 | | | | | | | | | | | | | | | 16 | | 8 | | |
| 50/ 49 | | .1 | | .5 | 1.1 | .7 | .4 | .2 | | | | | | | | | | 25 | | | | | | | | | | | | | | | 25 | | 10 | | |
| 48/ 47 | | | | .9 | 1.2 | .9 | .8 | | | | | | | | | | | 33 | | | | | | | | | | | | | | | 33 | | 23 | | |
| 46/ 45 | | | .4 | .8 | .9 | .5 | .5 | .4 | | | | | | | | | | 29 | | | | | | | | | | | | | | | 29 | | 32 | | |
| 44/ 43 | | .2 | 1.2 | .4 | 1.3 | .2 | | | | | | | | | | | | 28 | | | | | | | | | | | | | | | 28 | | 24 | | |
| 42/ 41 | .1 | .2 | .1 | 1.9 | .2 | .1 | .1 | | | | | | | | | | | 24 | | | | | | | | | | | | | | | 24 | | 38 | | |
| 40/ 39 | | .4 | 1.5 | 2.0 | .1 | .2 | | | | | | | | | | | | 36 | | | | | | | | | | | | | | | 36 | | 49 | | |
| 38/ 37 | | 1.4 | 2.5 | 1.1 | .4 | .1 | | | | | | | | | | | | 46 | | | | | | | | | | | | | | | 46 | | 31 | | |
| 36/ 35 | | 1.2 | 1.8 | 2.6 | .4 | .1 | | | | | | | | | | | | 51 | | | | | | | | | | | | | | | 51 | | 59 | | |
| 34/ 33 | | 1.9 | 2.4 | 1.3 | .2 | | | | | | | | | | | | | 51 | | | | | | | | | | | | | | | 51 | | 63 | | |
| 32/ 31 | .2 | 2.7 | 1.3 | 2.1 | .1 | | | | | | | | | | | | | 55 | | | | | | | | | | | | | | | 55 | | 58 | | |
| 30/ 29 | | 2.0 | 2.8 | 1.8 | | .2 | | | | | | | | | | | | 58 | | | | | | | | | | | | | | | 58 | | 55 | | |
| 28/ 27 | .4 | 1.5 | 3.3 | 1.1 | .2 | | | | | | | | | | | | | 55 | | | | | | | | | | | | | | | 55 | | 58 | | |
| 26/ 25 | | 1.7 | 1.1 | .2 | | | | | | | | | | | | | | 25 | | | | | | | | | | | | | | | 25 | | 58 | | |
| 24/ 23 | | 1.4 | 1.2 | | .1 | | | | | | | | | | | | | 23 | | | | | | | | | | | | | | | 23 | | 47 | | |
| 22/ 21 | | 1.8 | 1.9 | | | | | | | | | | | | | | | 31 | | | | | | | | | | | | | | | 31 | | 33 | | |
| 20/ 19 | | 3.0 | 1.9 | | | | | | | | | | | | | | | 41 | | | | | | | | | | | | | | | 41 | | 30 | | |
| 18/ 17 | | 1.1 | 1.3 | | | | | | | | | | | | | | | 20 | | | | | | | | | | | | | | | 20 | | 37 | | |
| 16/ 15 | | 2.5 | 1.1 | | | | | | | | | | | | | | | 30 | | | | | | | | | | | | | | | 30 | | 28 | | |
| 14/ 13 | .1 | .8 | .6 | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | | 13 | | 30 | | |
| 12/ 11 | | 2.0 | .6 | | | | | | | | | | | | | | | 22 | | | | | | | | | | | | | | | 22 | | 15 | | |
| 10/ 9 | | 1.4 | .5 | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | | 16 | | 20 | | |
| Element (X) | Σ X' | | | Σ X | | | Σ | Σ | Σ | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | ≤ 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

69-78

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

[illegible]

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FEB

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STATION NAME

YEARS

MONTH

PAGE 2

2100-2300

HOURS (L. S. T.)

[illegible]

FORM
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

MONTH

ALL

PAGE 1

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|-----|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 78/ 77 | | | | | | | | | | | | .0 | .0 | | | | | 2 | 2 | | | | | | |
| 76/ 75 | | | | | | | | | | | | .0 | .0 | | | | | 3 | 3 | | | | | | |
| 74/ 73 | | | | | | | | | | | | .0 | .0 | | | | | 3 | 3 | | | | | | |
| 70/ 69 | | | | | | | | | | | | .0 | .0 | | | | | 2 | 2 | | | | | | |
| 68/ 67 | | | | | | | | | | .1 | .0 | .0 | | | | | | 6 | 6 | | | | | | |
| 66/ 65 | | | | | | | | | .0 | .0 | .0 | | | | | | | 5 | 5 | | | | | | |
| 64/ 63 | | | | | | | .0 | | .1 | .0 | .0 | | | | | | | 11 | 11 | | | | | | |
| 62/ 61 | | | | | | .0 | | .1 | .1 | .0 | | | | | | | | 15 | 15 | | | | | | |
| 60/ 59 | | | | .0 | | .1 | .0 | .1 | .0 | | | | | | | | | 16 | 16 | | | | | | |
| 58/ 57 | | | .0 | .1 | .0 | .1 | .1 | .1 | | | | | | | | | | 29 | 29 | | | | | | |
| 56/ 55 | | | .1 | .1 | .1 | .3 | .1 | .1 | | | | | | | | | | 43 | 43 | 1 | | | | | |
| 54/ 53 | | .1 | .0 | .1 | .2 | .4 | .1 | .2 | | | | | | | | | | 78 | 78 | 10 | | | | | |
| 52/ 51 | | | .0 | .1 | .2 | .2 | .2 | .0 | | | | | | | | | | 56 | 56 | 26 | | | | | |
| 50/ 49 | | .0 | .1 | .2 | .4 | .2 | .2 | .0 | | | | | | | | | | 74 | 74 | 19 | 15 | | | | |
| 48/ 47 | | .1 | .1 | .4 | .5 | .3 | .1 | | | | | | | | | | | 111 | 111 | 49 | 9 | | | | |
| 46/ 45 | | .2 | .3 | .7 | .5 | .3 | .1 | .0 | | | | | | | | | | 140 | 140 | 89 | 13 | | | | |
| 44/ 43 | | .2 | .7 | .8 | .6 | .2 | .0 | | | | | | | | | | | 175 | 175 | 90 | 10 | | | | |
| 42/ 41 | .0 | .2 | .5 | 1.2 | .3 | .1 | .0 | | | | | | | | | | | 160 | 160 | 133 | 35 | | | | |
| 40/ 39 | .0 | .4 | 1.5 | 1.1 | .3 | .1 | | | | | | | | | | | | 229 | 229 | 184 | 41 | | | | |
| 38/ 37 | .0 | 1.1 | 2.2 | .9 | .2 | .0 | | | | | | | | | | | | 299 | 299 | 226 | 67 | | | | |
| 36/ 35 | .1 | 2.4 | 2.4 | .9 | .2 | .0 | | | | | | | | | | | | 400 | 400 | 337 | 115 | | | | |
| 34/ 33 | .2 | 3.9 | 2.8 | .9 | .2 | | | | | | | | | | | | | 542 | 542 | 489 | 189 | | | | |
| 32/ 31 | .3 | 3.6 | 2.1 | .6 | .0 | | | | | | | | | | | | | 450 | 450 | 551 | 370 | | | | |
| 30/ 29 | .4 | 4.0 | 2.2 | .5 | .0 | .0 | | | | | | | | | | | | 490 | 490 | 582 | 507 | | | | |
| 28/ 27 | .5 | 3.9 | 2.5 | .4 | .1 | | | | | | | | | | | | | 497 | 497 | 482 | 574 | | | | |
| 26/ 25 | .2 | 3.8 | 1.4 | .1 | .0 | | | | | | | | | | | | | 379 | 379 | 481 | 504 | | | | |
| 24/ 23 | .1 | 3.0 | 1.0 | .1 | .0 | | | | | | | | | | | | | 279 | 279 | 416 | 374 | | | | |
| 22/ 21 | .2 | 3.4 | .9 | .1 | | | | | | | | | | | | | | 307 | 307 | 370 | 411 | | | | |
| 20/ 19 | .4 | 3.1 | .5 | .0 | | | | | | | | | | | | | | 279 | 279 | 270 | 409 | | | | |
| 18/ 17 | .3 | 2.4 | .4 | | | | | | | | | | | | | | | 209 | 209 | 306 | 403 | | | | |
| 16/ 15 | .4 | 3.1 | .4 | | | | | | | | | | | | | | | 263 | 263 | 246 | 335 | | | | |
| 14/ 13 | .4 | 2.6 | .2 | | </ | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

69-78

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YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

14949

OFFUTT AFB NE

69-78

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STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|--------------------|-------|--|--|-----|--|--|--|-----|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 68/ 67 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 66/ 65 | | | | .2 | | | | | | .1 | | | | | | | | 3 | 3 | | | | | | | | | | | | | |
| 62/ 61 | | | | | | .2 | | | | | | | | | | | | 2 | 2 | | 3 | | | | | | | | | | | |
| 60/ 59 | | .1 | | .2 | .2 | | .1 | .1 | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | |
| 58/ 57 | | .3 | | .1 | .1 | | | .1 | | | | | | | | | | 6 | 6 | | 2 | 3 | | | | | | | | | | |
| 56/ 55 | | .4 | .4 | .1 | .1 | .1 | | | | | | | | | | | | 11 | 11 | | 4 | 4 | | | | | | | | | | |
| 54/ 53 | | .4 | .3 | .1 | .6 | .5 | | | | | | | | | | | | 19 | 19 | | 7 | 4 | | | | | | | | | | |
| 52/ 51 | | .3 | .2 | .5 | .4 | .2 | | | | | | | | | | | | 16 | 16 | | 12 | 5 | | | | | | | | | | |
| 50/ 49 | | .1 | .5 | .3 | .1 | | | | | | | | | | | | | 10 | 10 | | 7 | 7 | | | | | | | | | | |
| 48/ 47 | | 1.3 | 1.1 | .8 | .9 | .2 | | | | | | | | | | | | 39 | 39 | | 11 | 3 | | | | | | | | | | |
| 46/ 45 | | 1.5 | 1.4 | 1.0 | 1.1 | | | | | | | | | | | | | 46 | 46 | | 38 | 10 | | | | | | | | | | |
| 44/ 43 | | 1.4 | 2.5 | .6 | .6 | | | | | | | | | | | | | 48 | 48 | | 30 | 19 | | | | | | | | | | |
| 42/ 41 | | 2.5 | 1.9 | .9 | .6 | | | | | | | | | | | | | 55 | 55 | | 40 | 25 | | | | | | | | | | |
| 40/ 39 | .1 | 2.6 | 2.0 | .9 | .4 | | | | | | | | | | | | | 56 | 56 | | 73 | 27 | | | | | | | | | | |
| 38/ 37 | .1 | 1.0 | 2.7 | 1.1 | .1 | | | | | | | | | | | | | 46 | 46 | | 50 | 49 | | | | | | | | | | |
| 36/ 35 | .4 | 3.2 | 2.4 | 1.3 | | | | | | | | | | | | | | 68 | 68 | | 49 | 47 | | | | | | | | | | |
| 34/ 33 | .8 | 3.9 | 2.4 | 1.0 | | | | | | | | | | | | | | 74 | 74 | | 88 | 45 | | | | | | | | | | |
| 32/ 31 | .4 | 4.7 | 3.1 | .2 | .1 | | | | | | | | | | | | | 80 | 80 | | 72 | 69 | | | | | | | | | | |
| 30/ 29 | .8 | 4.3 | 1.6 | .4 | | | | | | | | | | | | | | 66 | 66 | | 86 | 61 | | | | | | | | | | |
| 28/ 27 | .6 | 7.0 | .8 | .2 | | | | | | | | | | | | | | 80 | 80 | | 90 | 91 | | | | | | | | | | |
| 26/ 25 | .1 | 2.9 | .8 | | | | | | | | | | | | | | | 35 | 35 | | 69 | 81 | | | | | | | | | | |
| 24/ 23 | | 2.5 | .6 | | | | | | | | | | | | | | | 29 | 29 | | 37 | 50 | | | | | | | | | | |
| 22/ 21 | | 2.2 | .5 | | | | | | | | | | | | | | | 25 | 25 | | 33 | 70 | | | | | | | | | | |
| 20/ 19 | .1 | 2.7 | .3 | | | | | | | | | | | | | | | 29 | 29 | | 22 | 67 | | | | | | | | | | |
| 18/ 17 | | 1.4 | | | | | | | | | | | | | | | | 13 | 13 | | 29 | 29 | | | | | | | | | | |
| 16/ 15 | .2 | 1.5 | | | | | | | | | | | | | | | | 16 | 16 | | 16 | 25 | | | | | | | | | | |
| 14/ 13 | | 2.3 | | | | | | | | | | | | | | | | 21 | 21 | | 16 | 25 | | | | | | | | | | |
| 12/ 11 | | 1.7 | | | | | | | | | | | | | | | | 16 | 16 | | 23 | 22 | | | | | | | | | | |
| 10/ 9 | .3 | .2 | | | | | | | | | | | | | | | | 5 | 5 | | 15 | 31 | | | | | | | | | | |
| 8/ 7 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | | 2 | 27 | | | | | | | | | | |
| 6/ 5 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 1 | 7 | | | | | | | | | | |
| 4/ 3 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | 2 | 15 | | | | | | | | | | |
| 2/ 1 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | 1 | 6 | | | | | | | | | | |
| 0/ -1 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | | 2 | | | | | | | | | | | |
| Element (X) | Σ X ² | | | | Σ X | | | | Σ X | | | | Σ X | | | | Σ X | | | | Σ X | | | | Σ X | | | | Σ X | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

49-73

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STATION NAME

YEARS

MONTH

PAGE 2

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

69-78

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L, S, T.)

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PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

9-78

MAR
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-----------|----------|----------|-----------|-------|--------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 60/ 59 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | | | | | | |
| 58/ 57 | | .2 | | | | | .1 | | | | | | | | | | | 3 | 3 | | | | | | | |
| 56/ 55 | | .3 | .3 | | .3 | .2 | | | | | | | | | | | | 11 | 11 | 2 | 2 | | | | | |
| 54/ 53 | | .5 | .1 | .4 | .3 | | | | | | | | | | | | | 13 | 13 | 10 | 1 | | | | | |
| 52/ 51 | | .3 | .1 | | .2 | .2 | | | | | | | | | | | | 8 | 8 | 3 | 9 | | | | | |
| 50/ 49 | | .2 | .1 | | 1.0 | .1 | | | | | | | | | | | | 13 | 13 | 5 | 3 | | | | | |
| 48/ 47 | | 1.1 | .4 | .4 | .1 | .2 | | | | | | | | | | | | 21 | 21 | 13 | 3 | | | | | |
| 46/ 45 | | 1.5 | 1.7 | .4 | .4 | | | | | | | | | | | | | 38 | 38 | 13 | 7 | | | | | |
| 44/ 43 | | .8 | 1.4 | 1.0 | | | | | | | | | | | | | | 29 | 29 | 27 | 16 | | | | | |
| 42/ 41 | | 1.7 | .3 | .5 | | | | | | | | | | | | | | 24 | 24 | 37 | 10 | | | | | |
| 40/ 39 | | 3.3 | 1.8 | 1.3 | .1 | | | | | | | | | | | | | 61 | 61 | 40 | 20 | | | | | |
| 38/ 37 | .2 | 4.0 | 2.5 | .4 | | | | | | | | | | | | | | 66 | 66 | 56 | 39 | | | | | |
| 36/ 35 | .6 | 3.0 | 2.3 | .1 | | | | | | | | | | | | | | 56 | 56 | 65 | 56 | | | | | |
| 34/ 33 | 1.1 | 4.5 | 3.8 | .9 | | | | | | | | | | | | | | 95 | 95 | 82 | 50 | | | | | |
| 32/ 31 | .3 | 6.7 | 2.4 | .2 | | | | | | | | | | | | | | 89 | 89 | 85 | 64 | | | | | |
| 30/ 29 | .4 | 4.0 | 1.8 | .3 | | | | | | | | | | | | | | 61 | 61 | 92 | 74 | | | | | |
| 28/ 27 | 1.0 | 7.4 | 1.3 | .2 | | | | | | | | | | | | | | 92 | 92 | 67 | 94 | | | | | |
| 26/ 25 | .3 | 3.7 | .4 | | | | | | | | | | | | | | | 41 | 41 | 89 | 75 | | | | | |
| 24/ 23 | .4 | 3.4 | .2 | | | | | | | | | | | | | | | 38 | 38 | 51 | 47 | | | | | |
| 22/ 21 | | 3.2 | .4 | | | | | | | | | | | | | | | 34 | 34 | 33 | 69 | | | | | |
| 20/ 19 | .2 | 2.6 | .1 | | | | | | | | | | | | | | | 27 | 27 | 31 | 65 | | | | | |
| 18/ 17 | .2 | 2.3 | | | | | | | | | | | | | | | | 23 | 23 | 30 | 42 | | | | | |
| 16/ 15 | .2 | 1.4 | | | | | | | | | | | | | | | | 15 | 15 | 20 | 32 | | | | | |
| 14/ 13 | | 1.2 | | | | | | | | | | | | | | | | 11 | 11 | 13 | 26 | | | | | |
| 12/ 11 | | 1.1 | .1 | | | | | | | | | | | | | | | 11 | 11 | 7 | 29 | | | | | |
| 10/ 9 | .2 | 1.7 | | | | | | | | | | | | | | | | 18 | 18 | 14 | 21 | | | | | |
| 8/ 7 | .6 | 1.2 | | | | | | | | | | | | | | | | 17 | 17 | 23 | 15 | | | | | |
| 6/ 5 | .1 | .3 | | | | | | | | | | | | | | | | 4 | 4 | 12 | 13 | | | | | |
| 4/ 3 | .3 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 7 | | | | | |
| 2/ 1 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 12 | | | | | |
| 0/ -1 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 12 | | | | | |
| -2/ -3 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 5 | | | | | |
| -4/ -5 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 7 | | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| Element (X) | Σ x ¹ | | | | Σ x | | x̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

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69-78

YEARS

PAGE 2

0600-0800
HOURS (L. S. T.)

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 4-72

USAFETAC

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9-7

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USAFETAC
FORM
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0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

19-70

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0900-1100

HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|-----|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 1 | 11 | | | |
| 2/ 1 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | | | |
| 0/ -1 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 2 | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | 1 | 2 | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 4 | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| TOTAL | 3.3 | 35.3 | 7.5 | 17.2 | 8.1 | 4.6 | 2.4 | .9 | .4 | .3 | | | | | | | | 930 | 930 | 930 | 930 | | | |
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0-26-5 (OLA)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
STATION

OFFUTT AFB NE
STATION NAME

1978
YEARS

MAR
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------|--------------------|-------|----|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 82/ 81 | | | | | | | | | | | .1 | | | | | | | 1 | | | | 1 | | | |
| 80/ 79 | | | | | | | | | | .2 | | .1 | .1 | | | | | 4 | | | | 4 | | | |
| 78/ 77 | | | | | | | | | .1 | .1 | | | | | | | | 2 | | | | 2 | | | |
| 76/ 75 | | | | | | | | .1 | | | | .2 | .1 | .1 | | | | 5 | | | | 5 | | | |
| 74/ 73 | | | | | | | | .1 | | | .1 | .1 | .1 | | | | | 4 | | | | 4 | | | |
| 72/ 71 | | | | | | | | | | .3 | .1 | .3 | | | | | | 7 | | | | 7 | | | |
| 70/ 69 | | | | | | .1 | .1 | .1 | .3 | .5 | | .2 | | | | | | 13 | | | | 13 | | | |
| 68/ 67 | | | | | | | | .2 | .1 | .2 | .2 | | | | | | | 7 | | | | 7 | | | |
| 66/ 65 | | | | .1 | .3 | .1 | | .6 | .1 | | | | | | | | | 12 | | | | 12 | | | |
| 64/ 63 | | | | .2 | .2 | .3 | .4 | .6 | .1 | .1 | | | | | | | | 19 | | | | 19 | | 1 | |
| 62/ 61 | | .2 | | .3 | .8 | .9 | .3 | .1 | .1 | | | | | | | | | 25 | | | | 25 | | 4 | |
| 60/ 59 | .1 | .2 | .2 | .4 | .4 | .3 | .4 | .1 | .1 | | | | | | | | | 22 | | | | 22 | | 8 | |
| 58/ 57 | | .2 | | .4 | .6 | .5 | .2 | .6 | | | | | | | | | | 25 | | | | 25 | | 8 | |
| 56/ 55 | 1.0 | | .6 | .4 | 1.0 | .3 | .3 | | | | | | | | | | | 37 | | | | 37 | | 12 | |
| 54/ 53 | .1 | .1 | .8 | .2 | .8 | 1.5 | .9 | | | | | | | | | | | 40 | | | | 40 | | 32 | |
| 52/ 51 | | .2 | .9 | 1.2 | .9 | 1.1 | .2 | | | | | | | | | | | 41 | | | | 41 | | 31 | |
| 50/ 49 | .1 | .3 | .8 | 1.1 | .6 | .4 | .9 | | | | | | | | | | | 39 | | | | 39 | | 43 | |
| 48/ 47 | .5 | .4 | .9 | 1.0 | 1.0 | .3 | .1 | | | | | | | | | | | 39 | | | | 39 | | 34 | |
| 46/ 45 | 1.2 | 1.0 | 1.3 | 1.1 | .6 | .3 | | | | | | | | | | | | 51 | | | | 51 | | 42 | |
| 44/ 43 | 1.1 | 1.4 | 1.3 | 1.7 | 1.0 | | | | | | | | | | | | | 60 | | | | 60 | | 57 | |
| 42/ 41 | .9 | .6 | 1.0 | 1.6 | .4 | | | | | | | | | | | | | 42 | | | | 42 | | 58 | |
| 40/ 39 | 1.6 | 1.2 | 1.6 | 2.0 | .3 | | | | | | | | | | | | | 63 | | | | 63 | | 68 | |
| 38/ 37 | 1.1 | .9 | 1.7 | .8 | .2 | | | | | | | | | | | | | 43 | | | | 43 | | 56 | |
| 36/ 35 | 1.9 | 1.9 | 1.1 | .2 | .2 | | | | | | | | | | | | | 50 | | | | 50 | | 59 | |
| 34/ 33 | .6 | 1.8 | 1.9 | 1.3 | .6 | | | | | | | | | | | | | 60 | | | | 60 | | 89 | |
| 32/ 31 | .3 | 1.6 | 2.5 | 1.1 | .4 | | | | | | | | | | | | | 49 | | | | 49 | | 67 | |
| 30/ 29 | | .6 | 2.6 | 1.2 | | | | | | | | | | | | | | 41 | | | | 41 | | 46 | |
| 28/ 27 | .1 | 1.1 | 2.2 | 1.2 | | | | | | | | | | | | | | 42 | | | | 42 | | 52 | |
| 26/ 25 | | .9 | .8 | .4 | | | | | | | | | | | | | | 19 | | | | 19 | | 38 | |
| 24/ 23 | | .4 | .8 | | .1 | | | | | | | | | | | | | 12 | | | | 12 | | 46 | |
| 22/ 21 | | .8 | 1.0 | .1 | | | | | | | | | | | | | | 17 | | | | 17 | | 18 | |
| 20/ 19 | | 1.7 | .5 | .1 | | | | | | | | | | | | | | 22 | | | | 22 | | 13 | |
| 18/ 17 | | .5 | .2 | | | | | | | | | | | | | | | 7 | | | | 7 | | 27 | |
| 16/ 15 | | .2 | .1 | | | | | | | | | | | | | | | 3 | | | | 3 | | 10 | |
| Element (X) | Σ X' | | Σ X | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OLA) JUL 64

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

PAGE 2

MAR
MONTH

YEARS

MONTH

1200-1400
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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SUMMARY

YEARS

PAGE 1 1500-1700
HOURS (L. S. T.)

USAFETAC
FORM
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0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

49-78

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1500-1700

HOURS (L - S - T.)

0-26-5 (OLA)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

69-78

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 78/ 77 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | | | | | |
| 76/ 75 | | | | | | | | | | .1 | .1 | .1 | | | | | | 3 | 3 | | | | | | |
| 74/ 73 | | | | | | | | .1 | .1 | | | | | | | | | 2 | 2 | | | | | | |
| 72/ 71 | | | | | | | | .1 | | .1 | .1 | .2 | | | | | | 5 | 5 | | | | | | |
| 70/ 69 | | | | | | | .3 | .2 | | | .1 | | | | | | | 6 | 6 | | | | | | |
| 68/ 67 | | | | | .1 | .2 | .1 | | .1 | .1 | | | | | | | | 6 | 6 | | | | | | |
| 66/ 65 | | | | .1 | .2 | .2 | .3 | | .3 | .3 | | | | | | | | 14 | 14 | | | | | | |
| 64/ 63 | | | .2 | .4 | .1 | .4 | .4 | | .4 | .2 | | | | | | | | 21 | 21 | | | | | | |
| 62/ 61 | | | .2 | .2 | .4 | .2 | .3 | .4 | .3 | | | | | | | | | 20 | 20 | | | | | | |
| 60/ 59 | | .1 | .2 | .4 | .4 | .1 | .2 | | | .1 | | | | | | | | 15 | 15 | 10 | | | | | |
| 58/ 57 | | .1 | | .5 | .4 | .5 | .4 | .4 | .1 | | | | | | | | | 24 | 24 | 17 | 1 | | | | |
| 56/ 55 | | .3 | | .2 | .2 | .8 | .2 | .6 | .2 | | | | | | | | | 24 | 24 | 15 | 8 | | | | |
| 54/ 53 | | .2 | .3 | .8 | .2 | .3 | .8 | .3 | | | | | | | | | | 27 | 27 | 19 | 12 | | | | |
| 52/ 51 | | .2 | .5 | .6 | 1.1 | .8 | 1.2 | | | | | | | | | | | 41 | 41 | 18 | 3 | | | | |
| 50/ 49 | | 1.0 | .5 | 1.9 | .9 | 1.0 | .5 | .1 | | | | | | | | | | 55 | 55 | 22 | 11 | | | | |
| 48/ 47 | | .5 | .3 | 1.3 | .5 | 1.3 | .1 | | | | | | | | | | | 38 | 38 | 44 | 24 | | | | |
| 46/ 45 | | 1.4 | 1.3 | 1.0 | 1.2 | 1.2 | .2 | | | | | | | | | | | 58 | 58 | 40 | 19 | | | | |
| 44/ 43 | | 1.2 | 1.0 | 1.1 | 1.5 | .9 | | | | | | | | | | | | 52 | 52 | 52 | 30 | | | | |
| 42/ 41 | | 1.5 | 1.1 | 2.0 | .8 | .2 | | | | | | | | | | | | 52 | 52 | 63 | 23 | | | | |
| 40/ 39 | | 1.2 | 1.4 | 2.0 | 1.2 | .3 | | | | | | | | | | | | 57 | 57 | 65 | 33 | | | | |
| 38/ 37 | .1 | .3 | 1.9 | 1.8 | .4 | .1 | | | | | | | | | | | | 44 | 44 | 67 | 47 | | | | |
| 36/ 35 | | 1.6 | 3.1 | 1.4 | .5 | .1 | | | | | | | | | | | | 63 | 63 | 48 | 45 | | | | |
| 34/ 33 | .5 | 2.9 | 1.9 | 1.4 | .2 | | | | | | | | | | | | | 65 | 65 | 87 | 39 | | | | |
| 32/ 31 | .2 | 1.5 | 2.0 | .1 | .3 | | | | | | | | | | | | | 39 | 39 | 86 | 58 | | | | |
| 30/ 29 | .2 | 1.3 | 1.5 | .3 | .1 | | | | | | | | | | | | | 32 | 32 | 54 | 61 | | | | |
| 28/ 27 | .5 | 1.5 | 2.5 | 1.1 | | | | | | | | | | | | | | 52 | 52 | 44 | 76 | | | | |
| 26/ 25 | .1 | 1.1 | 2.5 | | | | | | | | | | | | | | | 34 | 34 | 41 | 84 | | | | |
| 24/ 23 | | 1.5 | 1.1 | | | | | | | | | | | | | | | 24 | 24 | 41 | 55 | | | | |
| 22/ 21 | | .6 | .9 | | | | | | | | | | | | | | | 14 | 14 | 37 | 57 | | | | |
| 20/ 19 | | .9 | 1.0 | | | | | | | | | | | | | | | 17 | 17 | 12 | 48 | | | | |
| 18/ 17 | .1 | 1.3 | .2 | | | | | | | | | | | | | | | 15 | 15 | 20 | 45 | | | | |
| 16/ 15 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 18 | 35 | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 4 | 16 | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 26 | | | | |
| Element (X) | Σ X ² | | Σ X | | X̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | |
| Rel Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | Total | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 14-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

2100-2300

HOURS (L. S. T.)

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

69-70

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|--|--|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | | | | | | .0 | .0 | .0 | | | | | | | | | 5 | 5 | | |
| 80/ 79 | | | | | | | | | | .0 | .0 | .0 | .1 | .0 | | | | | | | 12 | 12 | | |
| 78/ 77 | | | | | | | | | .0 | .0 | .0 | .1 | .0 | .0 | .0 | | | | | | 7 | 7 | | |
| 76/ 75 | | | | | | | | .0 | | .0 | .0 | .1 | .0 | .0 | .0 | | | | | | 19 | 19 | | |
| 74/ 73 | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | | | 10 | 10 | | |
| 72/ 71 | | | | | | | .0 | .0 | | .1 | .1 | .1 | | | | | | | | | 21 | 21 | | |
| 70/ 69 | | | | | | .0 | .1 | .1 | .1 | .1 | .0 | .0 | | | | | | | | | 33 | 33 | | |
| 68/ 67 | | | | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | | | | | | | | | | 33 | 33 | | |
| 66/ 65 | | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | | | | | | | | | | 62 | 62 | | |
| 64/ 63 | | | .0 | .1 | .1 | .2 | .2 | .2 | .2 | .1 | | | | | | | | | | | 74 | 74 | 4 | |
| 62/ 61 | | .0 | .1 | .1 | .1 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | 75 | 75 | 14 | |
| 60/ 59 | | .1 | .1 | .2 | .3 | .2 | .2 | .2 | .1 | .0 | | | | | | | | | | | 96 | 96 | 37 | 3 |
| 58/ 57 | | .2 | .1 | .2 | .2 | .3 | .2 | .3 | .2 | .1 | | | | | | | | | | | 132 | 132 | 47 | 10 |
| 56/ 55 | | .5 | .2 | .3 | .3 | .5 | .2 | .2 | .1 | | | | | | | | | | | | 167 | 167 | 68 | 27 |
| 54/ 53 | | .3 | .2 | .5 | .4 | .4 | .4 | .3 | | | | | | | | | | | | | 190 | 190 | 134 | 60 |
| 52/ 51 | | .2 | .4 | .5 | .7 | .5 | .5 | .1 | | | | | | | | | | | | | 219 | 219 | 119 | 62 |
| 50/ 49 | .0 | .4 | .5 | .6 | .7 | .4 | .3 | .0 | | | | | | | | | | | | | 220 | 220 | 155 | 48 |
| 48/ 47 | .0 | .9 | .5 | .9 | .6 | .6 | .1 | .1 | | | | | | | | | | | | | 280 | 280 | 222 | 75 |
| 46/ 45 | | 1.5 | 1.3 | 1.2 | 1.0 | .5 | .2 | | | | | | | | | | | | | | 425 | 425 | 263 | 134 |
| 44/ 43 | | 1.0 | 1.5 | .9 | 1.0 | .4 | .0 | | | | | | | | | | | | | | 351 | 351 | 342 | 172 |
| 42/ 41 | | 1.7 | 1.2 | 1.3 | .8 | .2 | .0 | | | | | | | | | | | | | | 384 | 384 | 416 | 200 |
| 40/ 39 | .0 | 2.3 | 1.5 | 1.5 | .8 | .2 | | | | | | | | | | | | | | | 478 | 478 | 489 | 232 |
| 38/ 37 | .1 | 1.6 | 1.9 | 1.3 | .2 | .1 | .0 | | | | | | | | | | | | | | 400 | 400 | 452 | 365 |
| 36/ 35 | .3 | 2.5 | 2.4 | 1.0 | .2 | .1 | | | | | | | | | | | | | | | 486 | 486 | 477 | 401 |
| 34/ 33 | .7 | 3.2 | 2.5 | 1.2 | .2 | | | | | | | | | | | | | | | | 579 | 579 | 690 | 399 |
| 32/ 31 | .4 | 2.9 | 2.4 | .4 | .2 | | | | | | | | | | | | | | | | 468 | 468 | 612 | 487 |
| 30/ 29 | .3 | 2.8 | 2.3 | .5 | .0 | | | | | | | | | | | | | | | | 439 | 439 | 526 | 515 |
| 28/ 27 | .6 | 3.6 | 1.7 | .7 | | | | | | | | | | | | | | | | | 489 | 489 | 512 | 619 |
| 26/ 25 | .1 | 2.3 | 1.1 | .1 | | | | | | | | | | | | | | | | | 278 | 278 | 446 | 604 |
| 24/ 23 | .1 | 1.9 | .7 | .0 | .0 | | | | | | | | | | | | | | | | 209 | 209 | 364 | 400 |
| 22/ 21 | | 1.7 | .8 | .0 | | | | | | | | | | | | | | | | | 187 | 187 | 248 | 536 |
| 20/ 19 | .1 | 1.7 | .4 | .0 | | | | | | | | | | | | | | | | | 159 | 159 | 175 | 463 |
| 18/ 17 | .1 | 1.4 | .1 | | | | | | | | | | | | | | | | | | 117 | 117 | 181 | 298 |
| 16/ 15 | .1 | 1.0 | .0 | | | | | | | | | | | | | | | | | | 80 | 80 | 135 | 232 |
| Element (X) | Σ x ² | | Σ x | | Σ | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | |
| Rel. Hum. | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (O.L.A.)

USAFETAC

PSYCHROMETRIC SUMMARY

69-78

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

4

APR
MONTH

YEARS

0000-0,00

HOURS (L, S, T)

[illegible]

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

APR

MONTH

0000-0200
HOURS (L. S. T.)

4

PSYCHROMETRIC SUMMARY

APR

HOURS 11-5-7

USAFETAC
FORM
MIL-A-
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

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OFFUTT AFB NE

9-78

STATION NAME

YEARS

APR

MONTH

PAGE 2

0300-0500
HOURS (L. S. T.)

USAFETAC
FORM 0-26-5 (OL A)
JUN 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

4

APR

OFUTT AFB NF

9-73

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L, S, T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------|--|-------|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 72/ 71 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | |
| 70/ 69 | | | .1 | | | .1 | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | |
| 68/ 67 | | | .7 | .1 | .1 | | | | | | | | | | | | | 8 | 8 | 2 | | | | | | | | | | | |
| 66/ 65 | | .2 | .4 | .2 | .1 | | .1 | | | | | | | | | | | 10 | 10 | 4 | 2 | | | | | | | | | | |
| 64/ 63 | | .2 | .6 | .3 | .2 | .6 | .3 | | | | | | | | | | | 20 | 20 | 6 | 5 | | | | | | | | | | |
| 62/ 61 | | .3 | .8 | .9 | .4 | .3 | | | | | | | | | | | | 25 | 25 | 7 | 5 | | | | | | | | | | |
| 60/ 59 | .3 | .6 | 1.7 | | .3 | .3 | | | | | | | | | | | | 29 | 29 | 18 | 11 | | | | | | | | | | |
| 58/ 57 | .1 | .9 | .8 | .8 | .6 | .1 | | | | | | | | | | | | 29 | 29 | 21 | 12 | | | | | | | | | | |
| 56/ 55 | .1 | .9 | 1.0 | 1.0 | .1 | .2 | .1 | | | | | | | | | | | 31 | 31 | 29 | 9 | | | | | | | | | | |
| 54/ 53 | .1 | 1.8 | .9 | 1.4 | 1.3 | .1 | .2 | .1 | | | | | | | | | | 54 | 54 | 41 | 32 | | | | | | | | | | |
| 52/ 51 | .1 | .8 | 2.1 | 1.2 | 1.7 | .8 | .2 | | | | | | | | | | | 67 | 62 | 30 | 33 | | | | | | | | | | |
| 50/ 49 | | | 1.0 | 2.7 | 1.7 | .7 | .1 | .1 | | | | | | | | | | 56 | 56 | 35 | 22 | | | | | | | | | | |
| 48/ 47 | | | 1.3 | 2.1 | 2.7 | .8 | .4 | | | | | | | | | | | 66 | 66 | 50 | 25 | | | | | | | | | | |
| 46/ 45 | .7 | 3.6 | 3.4 | 1.8 | .8 | .6 | | | | | | | | | | | | 97 | 97 | 73 | 54 | | | | | | | | | | |
| 44/ 43 | .3 | 3.0 | 4.7 | 1.9 | .3 | .2 | | | | | | | | | | | | 94 | 94 | 92 | 48 | | | | | | | | | | |
| 42/ 41 | | 1.6 | 2.7 | 1.3 | | | | | | | | | | | | | | 50 | 50 | 87 | 51 | | | | | | | | | | |
| 40/ 39 | .1 | 1.7 | 3.7 | .6 | .2 | | | | | | | | | | | | | 56 | 56 | 82 | 85 | | | | | | | | | | |
| 38/ 37 | .7 | 2.0 | 2.4 | .4 | .1 | | | | | | | | | | | | | 51 | 51 | 80 | 57 | | | | | | | | | | |
| 36/ 35 | | 1.7 | 1.2 | .2 | | | | | | | | | | | | | | 28 | 28 | 56 | 77 | | | | | | | | | | |
| 34/ 33 | | 2.2 | 1.9 | .4 | .1 | | | | | | | | | | | | | 42 | 42 | 46 | 55 | | | | | | | | | | |
| 32/ 31 | .1 | 1.9 | 1.8 | | | | | | | | | | | | | | | 34 | 34 | 39 | 73 | | | | | | | | | | |
| 30/ 29 | | .7 | .7 | .2 | | | | | | | | | | | | | | 14 | 14 | 36 | 56 | | | | | | | | | | |
| 28/ 27 | .2 | 1.4 | .6 | | | | | | | | | | | | | | | 20 | 20 | 26 | 65 | | | | | | | | | | |
| 26/ 25 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 17 | 32 | | | | | | | | | | |
| 24/ 23 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 6 | 19 | | | | | | | | | | |
| 22/ 21 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 7 | 23 | | | | | | | | | | |
| 20/ 19 | .1 | .3 | .2 | | | | | | | | | | | | | | | 6 | 6 | 2 | 16 | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 5 | 13 | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 4 | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 1 | 5 | | | | | | | | | | |
| 10/ 9 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 1 | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ ₂ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

0900-1100
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 82/ 81 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | | |
| 80/ 79 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | | |
| 78/ 77 | | | | .1 | | | | | .3 | | | .1 | | | | | | 5 | 5 | | | |
| 76/ 75 | | | | .1 | .3 | | | .1 | .1 | .1 | .1 | | | | | | | 8 | 8 | | | |
| 74/ 73 | | | .1 | .6 | .2 | .1 | .4 | .2 | .1 | .1 | | | | | | | | 17 | 17 | 1 | | |
| 72/ 71 | | | .1 | .6 | .2 | .4 | .2 | | .1 | | .2 | | | | | | | 17 | 17 | 1 | | |
| 70/ 69 | | | .1 | .6 | .6 | .2 | .4 | .6 | .1 | | | | | | | | | 23 | 23 | 2 | 2 | |
| 68/ 67 | | | .1 | .1 | 1.1 | .3 | .7 | .3 | .3 | .1 | | | | | | | | 28 | 28 | 9 | 2 | |
| 66/ 65 | | | .6 | .4 | .7 | .6 | 1.1 | .4 | .1 | .1 | .1 | | | | | | | 37 | 37 | 11 | 1 | |
| 64/ 63 | | .3 | .6 | .8 | .6 | .7 | .8 | .2 | .3 | .2 | .2 | | | | | | | 42 | 42 | 8 | 8 | |
| 62/ 61 | .1 | | .8 | .8 | 1.4 | .9 | .3 | .7 | .2 | .2 | | | | | | | | 49 | 49 | 29 | 14 | |
| 60/ 59 | .2 | .3 | .8 | .4 | 1.0 | 1.7 | 1.2 | .6 | | .2 | | | | | | | | 58 | 58 | 34 | 13 | |
| 58/ 57 | | .9 | .9 | .7 | 1.4 | .8 | 1.0 | .6 | .3 | | | | | | | | | 59 | 59 | 40 | 18 | |
| 56/ 55 | .1 | .3 | 1.0 | 1.0 | 1.1 | 1.2 | .9 | .2 | .2 | | | | | | | | | 55 | 55 | 38 | 27 | |
| 54/ 53 | | .3 | .9 | 2.0 | 1.9 | 1.9 | .6 | .3 | | | | | | | | | | 71 | 71 | 51 | 32 | |
| 52/ 51 | | .6 | 1.1 | 1.2 | .9 | 1.1 | .7 | | | | | | | | | | | 50 | 50 | 53 | 26 | |
| 50/ 49 | | .2 | .8 | 2.1 | 1.6 | .8 | .3 | .1 | | | | | | | | | | 53 | 53 | 71 | 28 | |
| 48/ 47 | .1 | 1.0 | 1.4 | 2.1 | 1.9 | .7 | .4 | | | | | | | | | | | 69 | 69 | 63 | 27 | |
| 46/ 45 | .3 | 2.1 | 1.8 | 2.2 | 1.1 | .4 | | | | | | | | | | | | 72 | 72 | 90 | 59 | |
| 44/ 43 | .3 | 1.8 | 1.8 | 1.0 | .8 | .1 | | | | | | | | | | | | 52 | 52 | 100 | 70 | |
| 42/ 41 | | .8 | .9 | 1.1 | .6 | | | | | | | | | | | | | 30 | 30 | 72 | 59 | |
| 40/ 39 | | .6 | 1.6 | .4 | .2 | .2 | | | | | | | | | | | | 29 | 29 | 71 | 65 | |
| 38/ 37 | | .3 | .4 | 1.0 | .2 | | | | | | | | | | | | | 18 | 18 | 40 | 71 | |
| 36/ 35 | | .6 | .6 | .6 | .1 | | | | | | | | | | | | | 19 | 18 | 34 | 66 | |
| 34/ 33 | | .4 | .8 | .2 | .2 | | | | | | | | | | | | | 15 | 15 | 23 | 43 | |
| 32/ 31 | | .4 | .2 | .1 | | | | | | | | | | | | | | 7 | 7 | 20 | 63 | |
| 30/ 29 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 18 | 57 | |
| 28/ 27 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 46 | |
| 26/ 25 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 4 | 19 | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 3 | 22 | |
| 22/ 21 | | .2 | .3 | | | | | | | | | | | | | | | 5 | 5 | | 22 | |
| 20/ 19 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 15 | |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 6 | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 4 | |
| Element (X) | Σ x ² | | | Σ x | | x̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | |

4

APR

49-73

YEARS

0900-1100

HOURS (L, S, T)

[illegible]

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

APR

YEARS

MONTH

1200-1400

HOURS (L. S. Y.)

[illegible]

4

14949 OFFUTT AFB NE 09-76 APR
STATION STATION NAME YEARS MONTH
PAGE 2 1200-1400
HOURS (L E T)

[illegible]

FORM
"A"
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1978

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|----------------|----------|-------|-------|------------------------------------|--------|--------|--------|--------|--------|----------|----------|-----------|----|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | .2 | 5 | 5 | | | | | | |
| 86/ 85 | | | | | | | | | .1 | | .1 | | .2 | | | | | 4 | 4 | | | | | | |
| 84/ 83 | | | | | | | | | .3 | .1 | | .1 | .1 | | | | | 6 | 6 | | | | | | |
| 82/ 81 | | | | | | | .3 | .2 | .4 | .3 | .4 | .2 | .1 | | | | | 19 | 19 | | | | | | |
| 80/ 79 | | | | .1 | .1 | | | .1 | .4 | .4 | .4 | .1 | .3 | .1 | .2 | | | 27 | 22 | | | | | | |
| 78/ 77 | | | | .1 | .3 | .2 | .4 | .3 | .1 | .4 | .2 | .4 | | .1 | | | | 25 | 25 | | | | | | |
| 76/ 75 | | | | .1 | .1 | .1 | .3 | 1.0 | .9 | | .7 | .2 | .2 | .2 | | | | 35 | 35 | | | | | | |
| 74/ 73 | | | | | .1 | .1 | .9 | .6 | .9 | .8 | .4 | .4 | .2 | .1 | | | | 41 | 41 | 2 | | | | | |
| 72/ 71 | | | .2 | | .1 | .8 | .3 | .4 | .9 | 1.4 | .8 | .4 | .2 | | | | | 51 | 51 | 4 | | | | | |
| 70/ 69 | | | .2 | .1 | .6 | .7 | .3 | .2 | 1.0 | .4 | | | .3 | | | | | 35 | 35 | 8 | 1 | | | | |
| 68/ 67 | | .1 | .1 | .3 | .7 | .7 | .6 | 1.4 | .4 | .3 | 1.0 | .1 | | | | | | 52 | 52 | 11 | 5 | | | | |
| 66/ 65 | | .3 | .7 | .4 | .9 | .6 | .7 | 1.1 | 2.1 | .9 | .3 | | | | | | | 77 | 72 | 19 | 4 | | | | |
| 64/ 63 | .1 | .3 | .8 | .6 | .9 | .9 | .9 | 1.0 | 2.1 | 1.0 | .6 | | | | | | | 74 | 74 | 23 | 10 | | | | |
| 62/ 61 | | .1 | .3 | .1 | .1 | .7 | .9 | 1.0 | 1.3 | .2 | .3 | | | | | | | 46 | 46 | 54 | 13 | | | | |
| 60/ 59 | | .1 | .1 | .1 | .7 | .6 | .7 | 1.4 | .1 | | | | | | | | | 34 | 34 | 43 | 13 | | | | |
| 58/ 57 | | .1 | .8 | .6 | 1.3 | 1.1 | 2.0 | .4 | .4 | .1 | | | | | | | | 62 | 62 | 50 | 22 | | | | |
| 56/ 55 | .1 | .1 | .1 | .8 | .6 | 1.8 | 1.8 | | | | | | | | | | | 47 | 47 | 52 | 32 | | | | |
| 54/ 53 | .1 | | .7 | .2 | .2 | .6 | .9 | .4 | | | | | | | | | | 28 | 28 | 69 | 24 | | | | |
| 52/ 51 | | .1 | 1.1 | .9 | .4 | .6 | 1.0 | .1 | | | | | | | | | | 38 | 38 | 64 | 36 | | | | |
| 50/ 49 | | .7 | 1.3 | 1.0 | 1.6 | .6 | .4 | | | | | | | | | | | 50 | 50 | 77 | 25 | | | | |
| 48/ 47 | .3 | 1.3 | .4 | 1.0 | .6 | .1 | | .1 | | | | | | | | | | 35 | 35 | 100 | 45 | | | | |
| 46/ 45 | | 1.6 | .3 | .1 | .2 | .6 | .9 | .2 | | | | | | | | | | 35 | 35 | 98 | 52 | | | | |
| 44/ 43 | | .4 | .9 | .4 | .3 | .4 | .1 | | | | | | | | | | | 24 | 24 | 59 | 50 | | | | |
| 42/ 41 | | .3 | .3 | .4 | .6 | .1 | | | | | | | | | | | | 16 | 16 | 50 | 69 | | | | |
| 40/ 39 | | .3 | .8 | .4 | | | | | | | | | | | | | | 14 | 14 | 34 | 63 | | | | |
| 38/ 37 | .1 | .4 | .3 | .4 | | | | | | | | | | | | | | 12 | 12 | 19 | 54 | | | | |
| 36/ 35 | .1 | .3 | .1 | | | | | | | | | | | | | | | 5 | 5 | 21 | 55 | | | | |
| 34/ 33 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 27 | 65 | | | | |
| 32/ 31 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 62 | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 2 | 46 | | | | |
| 28/ 27 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 41 | | | | |
| 26/ 25 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 32 | | | | |
| 24/ 23 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 23 | | | | |
| Element (X) | Σ x² | | | Σ x | | | ̄x | σ _x | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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9-7a

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1500-1700

HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

69-70

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|-----------|----------|----------|-----------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 86/ 85 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | | |
| 84/ 83 | | | | | | | | | .1 | .1 | | | .1 | | | | | 3 | 3 | | | |
| 82/ 81 | | | | | | | .1 | .1 | | | | | | | .1 | | | 3 | 3 | | | |
| 80/ 79 | | | | | | | | .2 | | .2 | .2 | .2 | | | | | | 8 | 8 | | | |
| 78/ 77 | | | | | .2 | | | .2 | .1 | .1 | | | | | | | | 6 | 6 | | | |
| 76/ 75 | | | | .1 | .2 | | .3 | .4 | .2 | .2 | .4 | | .2 | | | | | 20 | 20 | | | |
| 74/ 73 | | | | .1 | .1 | .3 | .1 | .4 | .3 | .2 | .2 | .3 | | | | | | 20 | 20 | | | |
| 72/ 71 | | | .1 | .1 | .4 | 1.1 | .7 | .1 | .9 | .7 | .2 | | .1 | | | | | 40 | 40 | | | |
| 70/ 69 | | | .6 | .2 | .4 | .7 | .4 | .9 | .3 | .8 | .3 | .1 | | | | | | 43 | 43 | 4 | | |
| 68/ 67 | | .4 | .1 | .4 | .6 | .7 | .3 | 1.0 | .2 | .8 | .1 | .1 | | | | | | 43 | 43 | 7 | 1 | |
| 66/ 65 | | | .4 | .9 | 1.1 | .3 | .3 | 1.1 | 1.0 | .2 | .3 | | | | | | | 52 | 52 | 18 | 9 | |
| 64/ 63 | | .2 | .2 | 1.0 | .8 | .7 | 1.7 | 1.0 | 1.0 | .4 | .4 | | | | | | | 67 | 67 | 15 | 8 | |
| 62/ 61 | | | .4 | .7 | .6 | 1.0 | 1.0 | 1.6 | 1.4 | .3 | | | | | | | | 63 | 63 | 40 | 5 | |
| 60/ 59 | | .1 | .2 | .7 | 1.0 | 1.0 | 1.9 | 1.4 | .7 | .3 | .1 | | | | | | | 67 | 67 | 27 | 15 | |
| 58/ 57 | | .2 | .7 | .6 | .9 | 1.0 | 2.1 | .4 | .2 | .1 | | | | | | | | 56 | 56 | 53 | 17 | |
| 56/ 55 | | .3 | .6 | .4 | .6 | 1.2 | 1.6 | .6 | .2 | .1 | | | | | | | | 50 | 50 | 43 | 29 | |
| 54/ 53 | | .4 | .7 | .6 | 1.2 | 1.6 | .9 | .2 | .1 | | | | | | | | | 51 | 51 | 55 | 27 | |
| 52/ 51 | .1 | .6 | .7 | .3 | .9 | 1.2 | .7 | | | | | | | | | | | 40 | 40 | 73 | 44 | |
| 50/ 49 | .3 | 1.1 | 1.1 | 1.0 | .8 | 1.3 | .3 | | | | | | | | | | | 54 | 54 | 89 | 28 | |
| 48/ 47 | .1 | 1.7 | 1.6 | .9 | .9 | .3 | .2 | | | | | | | | | | | 51 | 51 | 72 | 32 | |
| 46/ 45 | .1 | 1.1 | .4 | .8 | 1.4 | .2 | .3 | | | | | | | | | | | 40 | 40 | 104 | 56 | |
| 44/ 43 | .3 | .7 | 1.4 | .8 | .3 | .6 | .1 | | | | | | | | | | | 38 | 38 | 85 | 46 | |
| 42/ 41 | | .3 | .6 | .6 | .2 | .2 | .1 | | | | | | | | | | | 18 | 18 | 48 | 67 | |
| 40/ 39 | .1 | .7 | .8 | .3 | .6 | | | | | | | | | | | | | 22 | 22 | 58 | 50 | |
| 38/ 37 | | .4 | .4 | .2 | .2 | .1 | | | | | | | | | | | | 13 | 13 | 28 | 58 | |
| 36/ 35 | | .2 | .4 | .3 | | | | | | | | | | | | | | 9 | 9 | 19 | 59 | |
| 34/ 33 | | .8 | .2 | .2 | | | | | | | | | | | | | | 11 | 11 | 23 | 84 | |
| 32/ 31 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 19 | 51 | |
| 30/ 29 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 10 | 58 | |
| 28/ 27 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 35 | |
| 26/ 25 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 43 | |
| 24/ 23 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 11 | |
| 22/ 21 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 16 | |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 7 | |
| Element (X) | Σ X ² | | | Σ X | | | X̄ | | | σ ² | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

69-78

YEARS

APR
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT A B NE

69-70

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | Dry Bulb | Wet Bulb | Dew Point |
| 78/ 77 | | | | | | | .1 | | .1 | | | | | | | | 2 | 2 | | |
| 76/ 75 | | | | | | | | .1 | | .2 | .1 | | | | | | 4 | 4 | | |
| 74/ 73 | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 72/ 71 | | | .1 | .3 | .1 | .2 | .1 | | .2 | | | | | | | | 10 | 10 | | |
| 70/ 69 | | | .3 | .1 | .6 | .6 | .1 | .1 | .2 | | .1 | | | | | | 19 | 19 | | |
| 68/ 67 | | | .3 | .6 | .6 | .1 | .4 | .1 | .2 | .2 | | | | | | | 23 | 23 | 2 | |
| 66/ 65 | | | .6 | .7 | .2 | .3 | .3 | .3 | .6 | | | | | | | | 27 | 27 | 6 | |
| 64/ 63 | | .3 | 1.1 | .9 | .4 | .7 | 1.1 | .7 | .2 | | | | | | | | 49 | 49 | 10 | 6 |
| 62/ 61 | .1 | .4 | 1.1 | 1.1 | .2 | .7 | .8 | .1 | | | | | | | | | 41 | 41 | 29 | 7 |
| 60/ 59 | | .3 | .8 | .4 | .7 | 1.7 | .6 | .4 | .1 | | | | | | | | 45 | 45 | 27 | 14 |
| 58/ 57 | | .3 | 1.3 | .9 | 1.1 | 2.0 | 1.0 | .8 | .3 | | | | | | | | 70 | 70 | 29 | 28 |
| 56/ 55 | | .8 | 1.1 | .9 | 1.8 | 1.3 | 1.1 | .4 | | | | | | | | | 67 | 67 | 32 | 18 |
| 54/ 53 | | 1.1 | .4 | 1.4 | 1.9 | 1.6 | 1.1 | | .1 | | | | | | | | 69 | 69 | 46 | 33 |
| 52/ 51 | .4 | .9 | .7 | .7 | 2.9 | .8 | .7 | .2 | | | | | | | | | 57 | 67 | 59 | 26 |
| 50/ 49 | | 1.0 | .8 | 2.1 | 1.7 | .9 | .2 | .1 | | | | | | | | | 61 | 61 | 77 | 33 |
| 48/ 47 | .1 | 2.8 | 1.7 | 1.8 | 2.0 | .4 | | .1 | | | | | | | | | 80 | 80 | 67 | 28 |
| 46/ 45 | .1 | 1.9 | 1.4 | 2.4 | 1.7 | .6 | .1 | | | | | | | | | | 74 | 74 | 99 | 58 |
| 44/ 43 | .3 | 1.0 | 1.1 | 1.2 | .3 | .2 | .1 | | | | | | | | | | 39 | 39 | 97 | 45 |
| 42/ 41 | | .9 | .9 | 1.7 | .2 | .1 | | | | | | | | | | | 34 | 34 | 79 | 60 |
| 40/ 39 | | .4 | 1.7 | .8 | .4 | | | | | | | | | | | | 30 | 30 | 65 | 73 |
| 38/ 37 | | 1.1 | .7 | .4 | .3 | .1 | | | | | | | | | | | 24 | 24 | 49 | 74 |
| 36/ 35 | | .9 | .3 | .8 | .1 | .1 | | | | | | | | | | | 24 | 24 | 38 | 59 |
| 34/ 33 | | .7 | .4 | .1 | | | | | | | | | | | | | 11 | 11 | 29 | 69 |
| 32/ 31 | | .6 | .6 | .2 | .1 | | | | | | | | | | | | 13 | 13 | 17 | 72 |
| 30/ 29 | | .3 | .4 | | | | | | | | | | | | | | 7 | 7 | 18 | 46 |
| 28/ 27 | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | 11 | 52 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | 8 | 39 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 8 |
| 22/ 21 | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 6 |
| 20/ 19 | | .4 | | | | | | | | | | | | | | | 4 | 4 | 4 | 9 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | 1 | 22 |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 2 |
| Element (X) | Σ x ² | | Σ x | | Σ | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | |
| Rel Hum. | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | |

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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HOURS (L, S, T)

USAFETAC FORM 0-26-5 (01A)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949

OFFUTT AFB NE

1978

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | |
|-------------|-------------------------------------|------|-------|------|------|------|--------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|----------|----------|-----------|--------------------|-------|-----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | *31 | Drv Bulb | Wet Bulb | Dew Point | | | |
| 78/ 77 | | | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | |
| 76/ 75 | | | | .3 | .2 | | .2 | | | | | | | | | | | | | 7 | 7 | | |
| 74/ 73 | | | .1 | .0 | .3 | .8 | .1 | | | | | | | | | | | | | 18 | 18 | | |
| 72/ 71 | | | .2 | 1.5 | .8 | .4 | | .1 | | | | | | | | | | | | 28 | 28 | 2 | |
| 70/ 69 | | | 1.1 | 1.1 | .6 | .3 | .3 | | | | | | | | | | | | | 33 | 33 | 5 | |
| 68/ 67 | | .2 | 2.4 | 1.6 | 1.2 | .3 | .4 | | | | | | | | | | | | | 57 | 57 | 16 | 3 |
| 66/ 65 | | .9 | 1.8 | 1.8 | .9 | .0 | .4 | .1 | .1 | | | | | | | | | | | 62 | 62 | 34 | 17 |
| 64/ 63 | .1 | 1.3 | 2.6 | 2.7 | 1.7 | .6 | .2 | | | | | | | | | | | | | 86 | 86 | 70 | 26 |
| 62/ 61 | .1 | 2.5 | 2.2 | 1.3 | 2.3 | .5 | .2 | .2 | .1 | | | | | | | | | | | 87 | 87 | 41 | 49 |
| 60/ 59 | .2 | 2.8 | 2.0 | 1.6 | .8 | .6 | .4 | | | | | | | | | | | | | 79 | 79 | 90 | 58 |
| 58/ 57 | .2 | 1.0 | 3.4 | 2.4 | .9 | .4 | .1 | | | | | | | | | | | | | 78 | 78 | 93 | 87 |
| 56/ 55 | .1 | 1.2 | 2.7 | 2.3 | .8 | .8 | .3 | | | | | | | | | | | | | 75 | 75 | 55 | 58 |
| 54/ 53 | .1 | 1.7 | 2.3 | 2.2 | .6 | .3 | .1 | .1 | | | | | | | | | | | | 69 | 69 | 104 | 55 |
| 52/ 51 | | 1.1 | 1.9 | 1.6 | 1.7 | .3 | .1 | | | | | | | | | | | | | 63 | 63 | 68 | 80 |
| 50/ 49 | | 1.2 | 1.6 | 1.1 | .8 | .1 | | | | | | | | | | | | | | 44 | 44 | 67 | 57 |
| 48/ 47 | .1 | 1.7 | 1.1 | 1.1 | .1 | .1 | | | | | | | | | | | | | | 39 | 39 | 76 | 63 |
| 46/ 45 | .2 | 1.8 | 1.0 | 1.3 | .1 | .1 | | | | | | | | | | | | | | 48 | 48 | 63 | 91 |
| 44/ 43 | | 1.0 | .0 | .5 | .0 | | | | | | | | | | | | | | | 26 | 26 | 58 | 56 |
| 42/ 41 | | .5 | .0 | .5 | | | | | | | | | | | | | | | | 16 | 16 | 29 | 48 |
| 40/ 39 | | .1 | | .4 | .1 | | | | | | | | | | | | | | | 6 | 6 | 27 | 47 |
| 38/ 37 | | .1 | .2 | | | | | | | | | | | | | | | | | 3 | 3 | 14 | 28 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 9 | 29 |
| 34/ 33 | | .1 | | .2 | | | | | | | | | | | | | | | | 3 | 3 | 5 | 27 |
| 32/ 31 | | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 19 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | 2 | 9 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | 1 | 10 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | 5 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | 5 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.2 | 19.1 | 78.6 | 76.1 | 4.7 | 6.5 | 3.0 | .5 | .2 | | | | | | | | | | | 930 | 930 | 930 | 930 |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX' | | ΣX | | X | | ΣX | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | |
| Rel. Hum. | 5098283 | | 67647 | | 72.7 | | 13.832 | | 930 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | |
| Dry Bulb | 3176582 | | 53808 | | 57.9 | | 8.258 | | 930 | | | .1 | 14.5 | 2.7 | | | | | 93 | | | | |
| Wet Bulb | 2671908 | | 49302 | | 53.0 | | 7.920 | | 930 | | | .4 | 2.3 | | | | | | 93 | | | | |
| Dew Point | 2293783 | | 45333 | | 48.7 | | 9.499 | | 930 | | | 5.1 | .3 | | | | | | 93 | | | | |

FORM 0-26-5 (OL A)
JUL 64
USAFETAC

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14940
STATION

OFFUTT AFB NE
STATION NAME

9-76
YEARS

YEARS

MAY
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|-------|-------|-------|-------|------|--|--|-----|--------------------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | | | | | Dry Bulb | Wet Bulb | Dew Point |
| 76/ 75 | | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 74/ 73 | | | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | | |
| 72/ 71 | | | .3 | 1.0 | .1 | .2 | | | | | | | | | | | | | | 15 | 15 | | | |
| 70/ 69 | | | 1.3 | 1.3 | .1 | | | | | | | | | | | | | | | 25 | 25 | | | |
| 68/ 67 | | | 2.5 | 1.1 | .4 | .1 | | | | | | | | | | | | | | 38 | 38 | 11 | 1 | |
| 66/ 65 | .1 | .0 | 2.8 | 1.2 | .6 | .2 | | | | | | | | | | | | | | 53 | 53 | 23 | 11 | |
| 64/ 63 | .2 | 2.2 | 1.6 | 2.7 | .4 | .5 | | .1 | | | | | | | | | | | | 72 | 72 | 59 | 19 | |
| 62/ 61 | .2 | 2.9 | 1.7 | 2.7 | .9 | .1 | | | | | | | | | | | | | | 79 | 79 | 54 | 55 | |
| 60/ 59 | | 2.3 | 2.0 | 1.2 | 1.0 | .3 | .1 | | | | | | | | | | | | | 69 | 69 | 55 | 61 | |
| 58/ 57 | .1 | 3.2 | 2.7 | 1.0 | 1.1 | .2 | | | | | | | | | | | | | | 77 | 77 | 73 | 49 | |
| 56/ 55 | .4 | 1.3 | 2.7 | 2.2 | .6 | | | | | | | | | | | | | | | 67 | 67 | 69 | 66 | |
| 54/ 53 | .3 | 2.9 | 3.1 | 2.7 | .3 | | | | | | | | | | | | | | | 87 | 87 | 63 | 60 | |
| 52/ 51 | .1 | 1.6 | 2.8 | 2.0 | .6 | .2 | | | | | | | | | | | | | | 69 | 69 | 83 | 74 | |
| 50/ 49 | .2 | 1.3 | 2.3 | 1.0 | .6 | .1 | | | | | | | | | | | | | | 51 | 51 | 78 | 66 | |
| 48/ 47 | | 3.1 | 2.0 | 1.6 | .4 | .2 | | | | | | | | | | | | | | 69 | 69 | 74 | 55 | |
| 46/ 45 | .3 | 3.3 | 1.8 | .9 | .2 | | | | | | | | | | | | | | | 61 | 61 | 64 | 88 | |
| 44/ 43 | | 1.2 | 1.3 | | .2 | | | | | | | | | | | | | | | 25 | 25 | 63 | 66 | |
| 42/ 41 | .1 | .5 | 1.4 | .1 | | | | | | | | | | | | | | | | 20 | 20 | 52 | 61 | |
| 40/ 39 | | 1.6 | 1.3 | .4 | .1 | | | | | | | | | | | | | | | 32 | 32 | 27 | 50 | |
| 38/ 37 | | .3 | .5 | .1 | | | | | | | | | | | | | | | | 9 | 9 | 30 | 34 | |
| 36/ 35 | | | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 17 | 37 | |
| 34/ 33 | | .2 | | | | | | | | | | | | | | | | | | 2 | 2 | 11 | 24 | |
| 32/ 31 | | .1 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 25 | |
| 30/ 29 | | .1 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 1 | 7 | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | 3 | 10 | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | 5 | |
| TOTAL | 2.2 | 28.9 | 75.3 | 73.3 | 7.8 | 2.3 | .1 | .1 | | | | | | | | | | | | 930 | 930 | 930 | 930 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | |
| Rel Hum | 5685307 | 71921 | 77.3 | 1.522 | 930 | $\leq 0 F$ | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | Total | | | | | | | | | | | | |
| Dry Bulb | 2903087 | 51361 | 55.2 | 4.466 | 930 | .4 | 0.1 | .3 | | | | 93 | | | | | | | | | | | | |
| Wet Bulb | 2525470 | 47860 | 51.5 | 8.201 | 930 | .7 | 1.3 | | | | | 93 | | | | | | | | | | | | |
| Dew Point | 2226271 | 44669 | 48.0 | 9.324 | 930 | 5.3 | .1 | | | | | 93 | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1976

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|------|-------|------|------|------|--------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|----------|--|----------|--------------------|-------|-----|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | | Wet Bulb | Dew Point | | | |
| 76/ 75 | | | | .1 | .4 | | .1 | | | | | | | | | | | | | 6 | 6 | | | |
| 74/ 73 | | | .1 | .9 | .5 | | | | | | | | | | | | | | | 14 | 14 | | | |
| 72/ 71 | | | .8 | 1.0 | .4 | .2 | .1 | | | | | | | | | | | | | 23 | 23 | | | |
| 70/ 69 | | .1 | 1.4 | 1.6 | .4 | .5 | | | | | | | | | | | | | | 38 | 38 | 6 | | |
| 68/ 67 | | .1 | 2.5 | 1.2 | 1.1 | .3 | .1 | | | | | | | | | | | | | 49 | 49 | 22 | 4 | |
| 66/ 65 | .1 | 1.0 | 2.2 | 1.2 | .5 | .4 | .1 | | | | | | | | | | | | | 51 | 51 | 34 | 16 | |
| 64/ 63 | | 3.0 | 2.3 | 2.5 | .6 | .2 | .3 | | | | | | | | | | | | | 83 | 83 | 55 | 30 | |
| 62/ 61 | | 2.2 | 1.5 | 2.7 | 1.6 | .5 | .1 | .1 | | | | | | | | | | | | 81 | 81 | 68 | 67 | |
| 60/ 59 | | 1.8 | 2.5 | 1.7 | 1.1 | .2 | .2 | | | | | | | | | | | | | 70 | 70 | 59 | 56 | |
| 58/ 57 | .2 | 1.8 | 2.7 | 1.7 | .8 | .2 | | | | | | | | | | | | | | 67 | 69 | 68 | 48 | |
| 56/ 55 | .1 | 2.0 | 2.8 | 2.5 | 1.3 | .1 | .1 | | | | | | | | | | | | | 83 | 83 | 84 | 56 | |
| 54/ 53 | .3 | 1.8 | 2.5 | 2.9 | .5 | | | | | | | | | | | | | | | 75 | 75 | 82 | 67 | |
| 52/ 51 | | 1.8 | 3.2 | 1.7 | .8 | .2 | | | | | | | | | | | | | | 72 | 72 | 75 | 65 | |
| 50/ 49 | .1 | 1.4 | 1.8 | 1.6 | .2 | | | | | | | | | | | | | | | 48 | 48 | 77 | 79 | |
| 48/ 47 | .1 | 3.3 | 1.3 | 1.1 | .4 | | | | | | | | | | | | | | | 58 | 58 | 81 | 60 | |
| 46/ 45 | | 1.1 | 1.9 | 1.3 | .3 | | | | | | | | | | | | | | | 43 | 43 | 64 | 83 | |
| 44/ 43 | .2 | .6 | 1.0 | .6 | .3 | | | | | | | | | | | | | | | 26 | 26 | 49 | 72 | |
| 42/ 41 | | .5 | .6 | .1 | .1 | | | | | | | | | | | | | | | 13 | 13 | 37 | 46 | |
| 40/ 39 | | .3 | 1.0 | .3 | | | | | | | | | | | | | | | | 15 | 15 | 27 | 53 | |
| 38/ 37 | | .3 | .1 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 16 | 26 | |
| 36/ 35 | | .1 | .2 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 15 | 32 | |
| 34/ 33 | | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 6 | 28 | |
| 32/ 31 | | .1 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 18 | |
| 30/ 29 | | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 7 | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | 1 | 9 | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| TOTAL | 1.2 | 23.5 | 32.0 | 26.9 | 11.5 | 3.0 | 1.2 | .1 | | | | | | | | | | | | 930 | 930 | 930 | 930 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x' | | Σ x | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | Total | | |
| Rel Hum | 5364636 | | 69780 | | 75.0 | | 11.779 | | 930 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | |
| Dry Bulb | 3078214 | | 52924 | | 56.9 | | 8.457 | | 930 | | | .3 | 13.0 | 2.0 | | | | | | | 93 | | | |
| Wet Bulb | 2636850 | | 48942 | | 52.6 | | 8.119 | | 930 | | | .5 | 2.8 | | | | | | | | | 93 | | |
| Dew Point | 2296709 | | 45403 | | 48.8 | | 9.286 | | 930 | | | 4.2 | .4 | | | | | | | | | 93 | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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4

MAY
MONTH

STATION

STATION NAME

YEARS

MONTH

HOURS (L, S, T.)

HOURS (L, S, T.)

4

JM

MONTH

MONTH

HOURS (L, S, T.)

USAFETAC

PSYCHROMETRIC SUMMARY

MAY
MONTH

1200-1400
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

1978

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 90/ 89 | | | | | | | .1 | .2 | .1 | .2 | | .1 | .2 | .2 | | | | 11 | 11 | | | | | |
| 88/ 87 | | | | | | | .2 | .3 | .6 | .3 | .1 | .2 | .1 | | | | | 15 | 15 | | | | | |
| 86/ 85 | | | | | | | .1 | .6 | 1.7 | .2 | .5 | .2 | .1 | | .1 | | | 34 | 34 | | | | | |
| 84/ 83 | | | | | .1 | | .3 | 1.5 | 1.4 | .8 | .8 | | .1 | .1 | .1 | | | 48 | 48 | | | | | |
| 82/ 81 | | | | .2 | .2 | .3 | .6 | 1.1 | 1.2 | 2.0 | 1.2 | .2 | .2 | | | | | 68 | 68 | | | | | |
| 80/ 79 | | | | .2 | .2 | .3 | .6 | .6 | .5 | .8 | .5 | .8 | .2 | | | | | 45 | 45 | 1 | | | | |
| 78/ 77 | | | .1 | | .1 | .8 | 1.4 | 1.0 | .5 | .6 | .4 | .1 | | | | | | 47 | 47 | 2 | | | | |
| 76/ 75 | | | | | 1.0 | 1.3 | 1.3 | 1.4 | .9 | .8 | .5 | .1 | | | | | | 67 | 67 | 6 | 2 | | | |
| 74/ 73 | | | .3 | .5 | 1.1 | 1.8 | .9 | 1.2 | .9 | 1.0 | .5 | .2 | | | | | | 78 | 78 | 9 | | | | |
| 72/ 71 | | | .3 | .8 | 1.5 | .8 | 1.5 | .5 | 1.1 | .9 | .6 | | | | | | | 74 | 74 | 30 | 9 | | | |
| 70/ 69 | | | 1.0 | .4 | .5 | 1.0 | .3 | 2.4 | 1.6 | .2 | .4 | | | | | | | 73 | 73 | 53 | 5 | | | |
| 68/ 67 | | | .9 | .4 | 1.1 | .6 | .9 | 1.5 | .9 | .6 | | | | | | | | 64 | 64 | 58 | 9 | | | |
| 66/ 65 | | .4 | 1.1 | .4 | .5 | .6 | .4 | .6 | 1.2 | .2 | | | | | | | | 52 | 52 | 85 | 16 | | | |
| 64/ 63 | | .3 | .5 | .6 | .9 | 1.3 | 1.0 | 1.2 | .2 | .5 | | | | | | | | 61 | 61 | 105 | 61 | | | |
| 62/ 61 | .1 | .2 | .9 | .6 | 1.5 | .4 | .6 | .3 | .2 | .4 | | | | | | | | 50 | 50 | 74 | 75 | | | |
| 60/ 59 | .2 | .8 | .6 | .8 | .5 | 1.0 | .2 | .2 | | | | | | | | | | 42 | 42 | 72 | 63 | | | |
| 58/ 57 | | .4 | .6 | .3 | .4 | .2 | .2 | .8 | | | | | | | | | | 28 | 28 | 71 | 56 | | | |
| 56/ 55 | | .8 | .8 | .2 | .5 | | .1 | .2 | | | | | | | | | | 24 | 24 | 104 | 71 | | | |
| 54/ 53 | | .3 | .5 | .8 | .1 | .1 | .3 | | | | | | | | | | | 20 | 20 | 79 | 62 | | | |
| 52/ 51 | | .2 | .4 | | .1 | .2 | .1 | | | | | | | | | | | 10 | 10 | 51 | 64 | | | |
| 50/ 49 | | .6 | .1 | | .1 | | | | | | | | | | | | | 8 | 8 | 48 | 56 | | | |
| 48/ 47 | .1 | .4 | | | | | | | | | | | | | | | | 5 | 5 | 34 | 57 | | | |
| 46/ 45 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 17 | 78 | | | |
| 44/ 43 | | | | | | .2 | | | | | | | | | | | | 2 | 2 | 22 | 59 | | | |
| 42/ 41 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 6 | 36 | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 26 | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 33 | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 | 24 | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 | 22 | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 8 | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | 11 | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | 13 | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | 5 | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | |
| Rel Hum. | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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MAY

MONTH

1500-1700

HOURS (L, S, T.)

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USAFETAC

PSYCHROMETRIC SUMMARY

MAY

MONTH

1800-2000

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

1,9-76

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1800-2000

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

9-78

YEARS

JUN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949

WIFUTT AFB NE

69-76

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | |
|-------------|-------------------------------------|-------|------------|------|-----------|------|------------|-------|----------|-------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|----------|-----|----------|--------------------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | Dry Bulb | | Wet Bulb | | Dew Point | |
| 86/ 85 | | | | | | | | | | .1 | .1 | | | | | | | 2 | 2 | | | | |
| 84/ 83 | | | | | | | | | | .1 | | | .1 | | | | | 2 | 2 | | | | |
| 80/ 79 | | | .1 | | | .1 | .3 | .1 | | .2 | | | | | | | | 8 | 8 | | | | |
| 78/ 77 | | | .6 | 1.1 | .2 | .1 | | | | | | | | | | | | 18 | 18 | | | | |
| 76/ 75 | | .2 | .6 | .8 | .7 | .6 | | | | .1 | | | | | | | | 26 | 26 | | 1 | | |
| 74/ 73 | | .6 | .9 | 2.0 | .7 | .6 | | .1 | .1 | | | | | | | | | 44 | 44 | | 13 | 5 | |
| 72/ 71 | | .4 | 3.7 | 2.3 | 1.0 | .3 | | | | | | | | | | | | 70 | 70 | | 18 | 10 | |
| 70/ 69 | .1 | .9 | 3.4 | 1.7 | 2.0 | .8 | .2 | .1 | | | | | | | | | | 83 | 83 | | 33 | 17 | |
| 68/ 67 | | .9 | 2.0 | 1.6 | 1.1 | .3 | .2 | | | | | | | | | | | 55 | 55 | | 75 | 37 | |
| 66/ 65 | | 2.0 | 3.4 | 2.1 | 1.0 | .8 | .1 | | | | | | | | | | | 85 | 85 | | 71 | 39 | |
| 64/ 63 | | 4.2 | 3.7 | 3.6 | 1.8 | .4 | | | | | | | | | | | | 123 | 123 | | 87 | 94 | |
| 62/ 61 | | 2.7 | 4.2 | 2.6 | 1.6 | .1 | | | | | | | | | | | | 102 | 102 | | 100 | 76 | |
| 60/ 59 | | 1.6 | 1.9 | 2.3 | 1.1 | .3 | | | | | | | | | | | | 65 | 65 | | 84 | 80 | |
| 58/ 57 | | 2.4 | 1.8 | 2.1 | 1.0 | | | | | | | | | | | | | 66 | 66 | | 98 | 73 | |
| 56/ 55 | | 2.2 | 2.3 | 1.8 | .2 | | | | | | | | | | | | | 59 | 59 | | 86 | 90 | |
| 54/ 53 | | 1.0 | 1.0 | 1.1 | .4 | | | | | | | | | | | | | 40 | 40 | | 74 | 70 | |
| 52/ 51 | | .3 | 1.4 | .7 | | | | | | | | | | | | | | 22 | 22 | | 60 | 60 | |
| 50/ 49 | | .7 | .6 | .2 | | | | | | | | | | | | | | 13 | 13 | | 41 | 71 | |
| 48/ 47 | | .4 | .2 | | .1 | | | | | | | | | | | | | 7 | 7 | | 32 | 61 | |
| 46/ 45 | | .6 | .2 | .2 | | | | | | | | | | | | | | 9 | 9 | | 14 | 55 | |
| 44/ 43 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 8 | 27 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 2 | 16 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 3 | 7 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 6 | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 3 | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | .121 | 1.173 | 0.706 | 1.13 | 1.4 | .9 | .3 | .1 | .6 | .1 | | .1 | | | | | | 900 | 900 | | 700 | 900 | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | |
| Rel Hum. | 5311794 | | 68366 | | 76.01 | | 1.484 | | 900 | | $\leq 0 F$ | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | 90 | | | | | | |
| Dry Bulb | 3701407 | | 57353 | | 63.7 | | 7.190 | | 900 | | | | 30.8 | 10.0 | .0 | | 90 | | | | | | |
| Wet Bulb | 3183897 | | 53187 | | 59.1 | | 6.730 | | 900 | | | | 14.0 | 1.4 | | | 90 | | | | | | |
| Dew Point | 2857105 | | 50175 | | 55.8 | | 7.667 | | 900 | | | | .2 | 6.9 | .5 | | 90 | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64

4

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19-78

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400

HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

FORM 41

LISAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

14949
STATION

OFFUTT AFB NE
STATION NAME

9-76
YEARS

YEARS

JUN
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|-----------|----------|----------|-----------|-------|-------|-----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 102/101 | | | | | | | | | | | | | .1 | .1 | .2 | | | | | | 4 | 4 | | |
| 100/99 | | | | | | | | | | | | | .2 | .6 | .2 | .1 | | | | | 10 | 10 | | |
| 98/97 | | | | | | | | | | | | .6 | .1 | .2 | .3 | | | | | | 11 | 11 | | |
| 96/95 | | | | | | | | | .1 | .4 | .2 | .9 | .7 | .3 | .1 | | | | | | 25 | 25 | | |
| 94/93 | | | | | | | | .1 | | .8 | .4 | .8 | .4 | .2 | | | | | | | 25 | 25 | | |
| 92/91 | | | | | | | .1 | .2 | .7 | .9 | .4 | .3 | | | .2 | | | | | | 26 | 26 | | |
| 90/89 | | | | | | .1 | .4 | .7 | .8 | 1.3 | 1.4 | .6 | .4 | .1 | .3 | | | | | | 56 | 56 | | |
| 88/87 | | | | | | .2 | .4 | 1.7 | 1.7 | 1.3 | 1.3 | .4 | .4 | .1 | | | | | | | 69 | 69 | | |
| 86/85 | | | | | .2 | .6 | 1.7 | 1.8 | 1.8 | 1.6 | 1.0 | 1.0 | .3 | | | | | | | | 89 | 89 | | |
| 84/83 | | | | | | .9 | 1.3 | 1.8 | 1.7 | 1.1 | 1.1 | .8 | 1.3 | | | | | | | | 90 | 90 | | |
| 82/81 | | | | | .3 | 1.4 | 1.2 | 2.3 | 1.3 | 1.2 | 2.0 | 1.0 | | | | | | | | | 98 | 98 | 1 | |
| 80/79 | | | .2 | .3 | .4 | 1.2 | .9 | 1.3 | 1.2 | 1.0 | .6 | .4 | | | | | | | | | 69 | 69 | 5 | |
| 78/77 | | | .1 | .1 | .3 | 1.0 | 1.7 | 1.2 | 1.2 | 1.4 | .4 | .3 | | | | | | | | | 71 | 71 | 16 | 1 |
| 76/75 | | | | 1.0 | 1.3 | .6 | 1.2 | .2 | 1.3 | 1.1 | .1 | | | | | | | | | | 62 | 62 | 46 | 4 |
| 74/73 | | | | 1.0 | .4 | .4 | .4 | 1.4 | 1.2 | .7 | | | | | | | | | | | 51 | 51 | 88 | 12 |
| 72/71 | | | .1 | .8 | .2 | .4 | 1.0 | .6 | .8 | .3 | | | | | | | | | | | 38 | 38 | 107 | 12 |
| 70/69 | | | | .6 | .7 | .6 | .3 | .3 | .3 | | | | | | | | | | | | 25 | 25 | 105 | 43 |
| 68/67 | | | .2 | .4 | .4 | .7 | .6 | 1.1 | .6 | | .3 | | | | | | | | | | 41 | 41 | 106 | 62 |
| 66/65 | | .1 | .3 | .7 | .4 | .9 | .1 | .1 | | | | | | | | | | | | | 24 | 24 | 68 | 75 |
| 64/63 | | .1 | .1 | .1 | | | | .1 | | | | | | | | | | | | | 4 | 4 | 85 | 91 |
| 62/61 | | .1 | .3 | | .1 | | .2 | | | | | | | | | | | | | | 7 | 7 | 84 | 100 |
| 60/59 | | | | .3 | .2 | | | | | | | | | | | | | | | | 5 | 5 | 81 | 64 |
| 58/57 | | | | | | | | | | | | | | | | | | | | | | | 50 | 77 |
| 56/55 | | | | | | | | | | | | | | | | | | | | | | | 37 | 54 |
| 54/53 | | | | | | | | | | | | | | | | | | | | | | | 17 | 35 |
| 52/51 | | | | | | | | | | | | | | | | | | | | | | | 3 | 64 |
| 50/49 | | | | | | | | | | | | | | | | | | | | | | | 3 | 46 |
| 48/47 | | | | | | | | | | | | | | | | | | | | | | | 3 | 54 |
| 46/45 | | | | | | | | | | | | | | | | | | | | | | | | 46 |
| 44/43 | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| 42/41 | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| 40/39 | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| 38/37 | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 36/35 | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | |
| Rel. Hum. | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAF/TAC
FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

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YEARS

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUN
MONTH

MONTH

1800-2000

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUN

MONTH

1800-2000

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUN

MONTH

2100-2300

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 90/ 89 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | | | | |
| 88/ 87 | | | | | | | | | .1 | .2 | | .1 | .2 | .1 | | | | 7 | 7 | | | | | |
| 86/ 85 | | | | | .1 | .2 | .8 | .1 | .1 | .2 | .1 | | | | | | | 15 | 15 | | | | | |
| 84/ 83 | | | | | .7 | .4 | .8 | .6 | .2 | .1 | | | | | | | | 25 | 25 | | | | | |
| 82/ 81 | | | | .3 | .9 | .8 | 1.2 | 1.3 | | | | | | | | | | 41 | 41 | | | | | |
| 80/ 79 | | | .2 | 1.2 | 1.0 | 1.3 | .6 | 1.1 | | .3 | | | | | | | | 52 | 52 | | | | | |
| 78/ 77 | | | .2 | 1.1 | 1.9 | 1.1 | 1.2 | .9 | .9 | | .1 | | | | | | | 67 | 67 | 1 | | | | |
| 76/ 75 | | | .2 | 1.8 | 2.3 | 1.8 | 2.0 | .8 | .3 | .3 | | | | | | | | 86 | 86 | 18 | | | | |
| 74/ 73 | | .1 | 1.2 | 3.0 | 1.4 | 1.6 | 1.0 | 1.4 | .7 | | | | | | | | | 94 | 94 | 33 | | | | |
| 72/ 71 | | .2 | 1.1 | 1.6 | .8 | 1.4 | 2.0 | .9 | .6 | | | | | | | | | 77 | 77 | 52 | | | | |
| 70/ 69 | | | 1.4 | 1.8 | 2.2 | 1.8 | 1.3 | .8 | .2 | | | | | | | | | 86 | 86 | 34 | | | | |
| 68/ 67 | | .4 | 1.7 | 1.8 | 1.9 | 2.6 | 1.6 | .1 | | | | | | | | | | 90 | 90 | 89 | | | | |
| 66/ 65 | 1.0 | 1.2 | 2.7 | 1.0 | 2.1 | .7 | .1 | | | | | | | | | | | 70 | 79 | 80 | | | | |
| 64/ 63 | .9 | 1.4 | 1.1 | 1.4 | 2.0 | .7 | | | | | | | | | | | | 68 | 68 | 94 | | | | |
| 62/ 61 | 1.0 | 1.1 | .8 | 1.6 | .6 | .4 | | | | | | | | | | | | 49 | 49 | 105 | | | | |
| 60/ 59 | .2 | .9 | .9 | .8 | .7 | | | | | | | | | | | | | 31 | 31 | 106 | | | | |
| 58/ 57 | .7 | .6 | .6 | .1 | .1 | | | .2 | | | | | | | | | | 20 | 20 | 75 | | | | |
| 56/ 55 | | .2 | | | | | .1 | | | | | | | | | | | 3 | 3 | 77 | | | | |
| 54/ 53 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 39 | | | | |
| 52/ 51 | .2 | .1 | | | | .1 | | | | | | | | | | | | 4 | 4 | 31 | | | | |
| 50/ 49 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 8 | | | | |
| 48/ 47 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 2 | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | 3 | 23 | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 8 | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| TOTAL | | 4.8 | 11.9 | 18.8 | 18.2 | 18.6 | 14.3 | 8.4 | 3.2 | 1.2 | .3 | .2 | | | | | | | 900 | | 900 | | | |
| | | | | | | | | | | | | | | | | | | | 900 | | | | | |

| Element (X) | Σx ² | Σx | \bar{x} | s _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-----------------|-------|-----------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel Hum. | 3758599 | 56853 | 63.21 | 3.637 | 900 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 4576031 | 63047 | 70.9 | 7.204 | 900 | | | 64.1 | 38.8 | 10.9 | | 90 |
| Wet Bulb | 3570187 | 56397 | 62.7 | 6.342 | 900 | | | 27.7 | 5.2 | | | 90 |
| Dew Point | 3004458 | 51502 | 57.2 | 7.983 | 900 | | .4 | 11.2 | .6 | | | 90 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
STATION

OFFUTT AFB NE

STATION NAME

69-76

YEARS

JUN

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|---|-----|----------|----------|-----------|--|--|--|--|--|-------|--|--------------------|-------|--|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 02/101 | | | | | | | | | | | | | .0 | .0 | .0 | | | 5 | 5 | | | | | | | | | | | | | | | |
| 00/99 | | | | | | | | | | | | | .0 | .1 | .1 | .0 | | 17 | 17 | | | | | | | | | | | | | | | |
| 98/97 | | | | | | | | | | | | .0 | .0 | .0 | .1 | | | 22 | 22 | | | | | | | | | | | | | | | |
| 96/95 | | | | | | | | | | .0 | .1 | .1 | .2 | .1 | .1 | .0 | | 49 | 49 | | | | | | | | | | | | | | | |
| 94/93 | | | | | | | | | .0 | .1 | .2 | .2 | .3 | .1 | .0 | | | 64 | 64 | | | | | | | | | | | | | | | |
| 92/91 | | | | | | .0 | .0 | .1 | .2 | .2 | .3 | .2 | .1 | | .0 | | | 81 | 81 | | | | | | | | | | | | | | | |
| 90/89 | | | | | .0 | .1 | .1 | .3 | .2 | .4 | .3 | .1 | .1 | .0 | .1 | | | 126 | 126 | | | | | | | | | | | | | | | |
| 88/87 | | | | .0 | .1 | .2 | .3 | .5 | .5 | .6 | .4 | .2 | .1 | .0 | | | | 188 | 188 | | | | | | | | | | | | | | | |
| 86/85 | | | | .1 | .2 | .6 | .6 | .7 | .5 | .3 | .7 | .1 | | | | | | 233 | 233 | | | | | | | | | | | | | | | |
| 84/83 | | | .0 | .3 | .7 | .8 | .9 | .6 | .5 | .4 | .7 | .2 | | | | | | 328 | 328 | | | | | | | | | | | | | | | |
| 82/81 | | | .2 | .6 | 1.0 | 1.3 | 1.3 | .7 | .6 | .6 | .3 | .0 | | | | | | 482 | 482 | | | | | | | | | | | | | | | |
| 80/79 | | | .1 | .5 | .5 | 1.3 | .8 | .7 | .6 | .7 | .3 | .1 | | | | | | 403 | 403 | | | | | | | | | | | | | | | |
| 78/77 | | .0 | .3 | .8 | 1.0 | .9 | .9 | .7 | .8 | .6 | .2 | .0 | | | | | | 447 | 447 | | | | | | | | | | | | | | | |
| 76/75 | | .1 | .3 | 1.2 | 1.9 | 1.2 | .9 | .8 | .7 | .4 | .1 | .0 | | | | | | 553 | 553 | | | | | | | | | | | | | | | |
| 74/73 | | .1 | .6 | 1.8 | 1.1 | 1.1 | .8 | .8 | .7 | .1 | | | | | | | | 514 | 514 | | | | | | | | | | | | | | | |
| 72/71 | | .1 | 1.4 | 1.8 | 1.1 | .9 | 1.1 | .7 | .3 | .1 | | | | | | | | 537 | 537 | | | | | | | | | | | | | | | |
| 70/69 | .0 | .3 | 1.4 | 1.3 | 1.4 | 1.3 | .8 | .5 | .2 | | | | | | | | | 513 | 513 | | | | | | | | | | | | | | | |
| 68/67 | | .4 | 1.3 | 1.3 | 1.1 | 1.1 | .7 | .4 | .1 | | .1 | | | | | | | 408 | 468 | | | | | | | | | | | | | | | |
| 66/65 | | .9 | 1.7 | 1.8 | .9 | 1.3 | .5 | .1 | .0 | .0 | .0 | | | | | | | 527 | 527 | | | | | | | | | | | | | | | |
| 64/63 | | 1.0 | 1.6 | 1.7 | 1.2 | .7 | .2 | .1 | .0 | .0 | | | | | | | | 505 | 505 | | | | | | | | | | | | | | | |
| 62/61 | | .9 | 1.4 | 1.1 | 1.1 | .4 | .2 | .1 | | | | | | | | | | 366 | 366 | | | | | | | | | | | | | | | |
| 60/59 | | .9 | 1.0 | 1.0 | .6 | .2 | .0 | .0 | | | | | | | | | | 248 | 248 | | | | | | | | | | | | | | | |
| 58/57 | | .6 | .7 | .8 | .4 | .1 | .0 | .0 | | | | | | | | | | 192 | 192 | | | | | | | | | | | | | | | |
| 56/55 | | .5 | .7 | .6 | .2 | .0 | .0 | | | | | | | | | | | 139 | 139 | | | | | | | | | | | | | | | |
| 54/53 | | .2 | .5 | .3 | .1 | .0 | | | | | | | | | | | | 83 | 83 | | | | | | | | | | | | | | | |
| 52/51 | | .1 | .4 | .1 | .0 | .0 | | | | | | | | | | | | 46 | 46 | | | | | | | | | | | | | | | |
| 50/49 | | .2 | .1 | .1 | .0 | | | | | | | | | | | | | 31 | 31 | | | | | | | | | | | | | | | |
| 48/47 | | .1 | .1 | .0 | .1 | | | | | | | | | | | | | 21 | 21 | | | | | | | | | | | | | | | |
| 46/45 | | .1 | .0 | .0 | | | | | | | | | | | | | | 9 | 9 | | | | | | | | | | | | | | | |
| 44/43 | | | .0 | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | |
| 42/41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40/39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38/37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | | Σ X | | | Σ | | | Σ X | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F | | | | | | | | | | Total | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (C1 A) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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1.

HOURS (L, S, T.)

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

0300-0500

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949 OFFUTT AFB NE

69-78

JUL
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|------|--------------------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | |
| 102/101 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 100/ 99 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| 98/ 97 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | | | | .3 | .4 | | | | | 7 | 7 | | |
| 94/ 93 | | | | | | | | | | .2 | .5 | 1.0 | | | | | | 16 | 16 | | |
| 92/ 91 | | | | | | | | .1 | .3 | .3 | .1 | | | | | | | 8 | 8 | | |
| 90/ 89 | | | | | | .1 | .1 | .9 | .8 | 1.0 | .3 | .2 | | | | | | 31 | 31 | | |
| 88/ 87 | | | | | .2 | .3 | .4 | 1.4 | .9 | .6 | .2 | | | | | | | 38 | 38 | | |
| 86/ 85 | | | | .1 | .1 | 1.7 | 1.8 | 1.7 | 1.7 | | .1 | | | | | | | 68 | 68 | | |
| 84/ 83 | | | | .1 | 1.3 | 1.6 | 2.3 | 1.6 | 1.2 | .2 | | | | | | | | 77 | 77 | | |
| 82/ 81 | | .4 | .4 | 3.2 | 2.3 | 2.5 | 1.4 | .8 | .4 | .1 | .1 | .1 | | | | | | 109 | 109 | 1 | |
| 80/ 79 | .1 | .2 | 1.7 | 1.9 | 2.5 | 1.8 | 1.3 | .9 | .3 | | | | | | | | | 100 | 100 | 4 | |
| 78/ 77 | | .6 | 1.4 | 2.6 | 1.2 | 1.5 | 1.3 | .2 | .2 | | | | | | | | | 84 | 84 | 20 | |
| 76/ 75 | .2 | .3 | 1.7 | 2.7 | 1.8 | 2.3 | .9 | .2 | | | | | | | | | | 94 | 94 | 56 | |
| 74/ 73 | .3 | 1.1 | 3.3 | 1.6 | 1.5 | 1.2 | .4 | .1 | | | | | | | | | | 89 | 89 | 137 | |
| 72/ 71 | .4 | 1.3 | 2.4 | 1.6 | 2.0 | .3 | .2 | .1 | | | | | | | | | | 78 | 78 | 144 | |
| 70/ 69 | .9 | 1.4 | 1.2 | 1.4 | 1.0 | .5 | .3 | | .1 | | | | | | | | | 63 | 63 | 130 | |
| 68/ 67 | .2 | 1.0 | .4 | .3 | .6 | .3 | | .1 | | | | | | | | | | 28 | 28 | 110 | |
| 66/ 65 | .2 | .6 | .2 | .2 | .3 | .3 | | | | | | | | | | | | 18 | 18 | 122 | |
| 64/ 63 | .2 | | .2 | .2 | .3 | .3 | | | | | | | | | | | | 12 | 12 | 89 | |
| 62/ 61 | .1 | | .1 | .1 | .1 | | | | | | | | | | | | | 4 | 4 | 54 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 20 | |
| 58/ 57 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 18 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 13 | |
| 54/ 53 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 5 | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 6 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 11 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 12 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 10 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 7 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 2 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 1 | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | σ_x | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | |
| Rel. Hum. | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-1 (OLA)
JUL 64

USAFETAC

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YEARS

MONTH

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JUL

MONTH

1200-1400

HOURS (L. S. T.)

JSAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

YEARS

9-70

JUL
MONTH

HOURS (L. S. Y.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 3 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | | .5 | 3.2 | 5.5 | 8.0 | 11.0 | 16.3 | 14.8 | 12.3 | 11.2 | 9.8 | 8.1 | 7.0 | 6.0 | 5.0 | 4.2 | 3.9 | 9.30 | 930 | 930 | 930 | |
| | | | | | | | | | | | | | | | | | | | | | | |
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FORM
0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

4

14940
STATION

Q-7.

STATION NAME

YEARS

JUL
MONTH

1500-1700
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|----|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|---|--|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1 | 2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 42 / 41 | | | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | |
| 40 / 39 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| TOTAL | | .4 | 2.1 | 3.7 | 6.1 | 11.1 | 13.2 | 14.2 | 12.7 | 11.9 | 7.8 | 4.8 | 3.4 | 2.8 | 2.8 | .9 | 1.2 | | | 930 | | 930 | | | | | | | | | | | | |

| Element (X) | ΣX^2 | ΣX | \bar{X} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | |
| Rel Hum | 2444500 | 45750 | 49.2 | 14.425 | 930 | | | | | | | |
| Dry Bulb | 6765640 | 78492 | 84.5 | 1.781 | 930 | | | 92.4 | 88.1 | 69.8 | 15.3 | 93 |
| Wet Bulb | 4596961 | 65187 | 70.1 | 5.468 | 930 | | | 67.9 | 32.6 | 3.0 | | 93 |
| Dew Point | 3704373 | 58279 | 62.7 | 1.644 | 930 | | | 31.2 | 8.3 | | | 93 |

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

9-74

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

[illegible]

4

4

1.9-78

JUL

STATION NAME

YEARS

MONTH

PAGE 2

1800-2000

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

(
4

YEARS

JUL

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

PAGE 1

HOURS (L, S, T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|----|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1 | 2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 10/109 | | | | | | | | | | | | | | | | | | .0 | 1 | 1 | | | | | | | | | | | | | | | |
| 08/107 | | | | | | | | | | | | | | | | | | .0 | 3 | 3 | | | | | | | | | | | | | | | |
| 06/105 | | | | | | | | | | | | | | | | | | .1 | 4 | 4 | | | | | | | | | | | | | | | |
| 04/103 | | | | | | | | | | | | | | | | | .0 | .1 | 17 | 12 | | | | | | | | | | | | | | | |
| 02/101 | | | | | | | | | | | | | | .0 | .0 | .1 | .0 | .0 | 14 | 14 | | | | | | | | | | | | | | | |
| 00/ 99 | | | | | | | | | | | | | | .0 | .2 | .3 | .1 | | 41 | 41 | | | | | | | | | | | | | | | |
| 98/ 97 | | | | | | | | | | | .0 | .0 | .1 | .2 | .2 | .2 | .0 | | 59 | 59 | | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | .1 | .1 | .1 | .2 | .3 | .2 | .1 | | | | 82 | 82 | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | .0 | .2 | .1 | .3 | .4 | .3 | .2 | .1 | | | | 120 | 120 | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | .1 | .2 | .3 | .2 | .6 | .5 | .3 | .1 | .0 | .0 | | | 169 | 169 | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | .0 | .0 | .2 | .4 | .6 | .7 | .8 | .4 | .1 | .0 | .0 | .0 | | | 245 | 245 | | | | | | | | | | | | | | | |
| 88/ 87 | | | | .0 | .1 | .4 | .7 | 1.0 | .8 | .5 | .3 | .2 | .1 | .1 | | .0 | | | 299 | 299 | | | | | | | | | | | | | | | |
| 86/ 85 | | | .1 | .2 | .0 | .3 | 1.0 | 1.2 | 1.1 | .8 | .3 | .3 | .1 | .0 | .0 | .1 | | | 388 | 388 | | | | | | | | | | | | | | | |
| 84/ 83 | | | .1 | .2 | .7 | 1.0 | 1.3 | 1.1 | .6 | .4 | .1 | .0 | .0 | | | | | | 417 | 417 | | | | | | | | | | | | | | | |
| 82/ 81 | | | .3 | .5 | 1.3 | 1.2 | 1.7 | .9 | .9 | .5 | .2 | .0 | .0 | | | | | | 501 | 561 | 25 | | | | | | | | | | | | | | |
| 80/ 79 | | .1 | .4 | .9 | 1.2 | 2.1 | 1.0 | .8 | .5 | .3 | .1 | | | | | | | | 544 | 544 | 20 | 8 | | | | | | | | | | | | | |
| 78/ 77 | | .0 | .4 | 1.1 | 1.9 | 1.6 | 1.1 | .3 | .3 | .3 | .0 | | | | | | | | 569 | 569 | 183 | 44 | | | | | | | | | | | | | |
| 76/ 75 | | .2 | .8 | 1.8 | 2.9 | 1.1 | 1.1 | .5 | .3 | .1 | | | | | | | | | 656 | 656 | 401 | 118 | | | | | | | | | | | | | |
| 74/ 73 | .0 | .6 | 1.5 | 3.0 | 1.5 | 1.2 | .7 | .2 | .2 | .1 | | | | | | | | | 608 | 668 | 719 | 191 | | | | | | | | | | | | | |
| 72/ 71 | | .6 | 2.1 | 2.3 | 1.3 | 1.0 | .5 | .2 | .2 | .1 | | | | | | | | | 608 | 608 | 910 | 322 | | | | | | | | | | | | | |
| 70/ 69 | | .8 | 2.8 | 1.3 | 1.3 | .6 | .4 | .1 | .1 | .0 | | | | | | | | | 561 | 561 | 973 | 544 | | | | | | | | | | | | | |
| 68/ 67 | .0 | .9 | 2.5 | .8 | 1.2 | .4 | .1 | .0 | .0 | | | | | | | | | | 423 | 423 | 1001 | 757 | | | | | | | | | | | | | |
| 66/ 65 | | .7 | 2.1 | 1.2 | .4 | .2 | .1 | .0 | | | | | | | | | | | 354 | 354 | 909 | 946 | | | | | | | | | | | | | |
| 64/ 63 | | .9 | 1.1 | 1.1 | .5 | .2 | .1 | .0 | | | | | | | | | | | 286 | 286 | 682 | 1,774 | | | | | | | | | | | | | |
| 62/ 61 | | .4 | .6 | .5 | .3 | .1 | .0 | | | | | | | | | | | | 141 | 141 | 567 | 625 | | | | | | | | | | | | | |
| 60/ 59 | | .2 | .5 | .4 | .1 | | | | | | | | | | | | | | 90 | 90 | 378 | 619 | | | | | | | | | | | | | |
| 58/ 57 | | .1 | .4 | .3 | .0 | .0 | | | | | | | | | | | | | 64 | 64 | 246 | 346 | | | | | | | | | | | | | |
| 56/ 55 | | .1 | .1 | .1 | .0 | | | | | | | | | | | | | | 23 | 23 | 166 | 459 | | | | | | | | | | | | | |
| 54/ 53 | | .0 | .1 | .1 | | | | | | | | | | | | | | | 17 | 17 | 98 | 305 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC
FORM
AUG 64
0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

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4.9-70

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L, S, T.)

USAFETAC FORM 0-26-5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]0-26.5 (OL-A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

4

YEARS

9-70

AUG
MONTH

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------------|------|-----------|------|------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | | .1 | .2 | .2 | | | | | | | 5 | 5 | | | | | | | | | | | | |
| 90/ 89 | | | | | | | .2 | .5 | .8 | | | | | | | | | 14 | 14 | | | | | | | | | | | | |
| 88/ 87 | | | | | | .2 | .6 | .8 | .8 | .2 | .1 | | .1 | | | | | 26 | 26 | | | | | | | | | | | | |
| 86/ 85 | | | | | .1 | .6 | 1.5 | 1.1 | .2 | .1 | | | | | | | | 34 | 34 | | | | | | | | | | | | |
| 84/ 83 | | | | .1 | .6 | 1.7 | 1.8 | 1.1 | .6 | | .1 | .1 | | | | | | 58 | 58 | | | | | | | | | | | | |
| 82/ 81 | | | | .4 | 2.0 | 2.0 | 3.0 | .7 | | .1 | .2 | .1 | | | | | | 82 | 82 | | | | | | | | | | | | |
| 80/ 79 | | | .3 | 1.1 | 1.8 | 2.7 | 1.6 | 1.1 | .2 | .1 | | .1 | | | | | | 84 | 84 | 1 | | | | | | | | | | | |
| 78/ 77 | | | .5 | 2.4 | 3.5 | 3.3 | 2.0 | .4 | .3 | | | | | | | | | 117 | 117 | 9 | 1 | | | | | | | | | | |
| 76/ 75 | | .1 | 1.1 | 2.4 | 4.5 | 1.9 | 1.5 | .8 | | .2 | | | | | | | | 116 | 116 | 41 | | | | | | | | | | | |
| 74/ 73 | .1 | .4 | 1.5 | 3.1 | 1.5 | 2.2 | 1.3 | | | | | | | | | | | 94 | 94 | 95 | 19 | | | | | | | | | | |
| 72/ 71 | .1 | .1 | 1.7 | 3.1 | 1.8 | 2.4 | .1 | .1 | .1 | | | | | | | | | 89 | 89 | 112 | 43 | | | | | | | | | | |
| 70/ 69 | | .9 | 1.6 | 1.9 | 2.2 | .8 | | .2 | | | | | | | | | | 70 | 70 | 151 | 84 | | | | | | | | | | |
| 68/ 67 | | .1 | 3.0 | 1.7 | 1.6 | .2 | .3 | | | | | | | | | | | 65 | 65 | 143 | 103 | | | | | | | | | | |
| 66/ 65 | .1 | .2 | 1.2 | 1.1 | .4 | .4 | .2 | | | | | | | | | | | 34 | 34 | 112 | 136 | | | | | | | | | | |
| 64/ 63 | | 1.0 | .6 | .8 | .4 | .2 | | | | | | | | | | | | 28 | 28 | 107 | 135 | | | | | | | | | | |
| 62/ 61 | .1 | .4 | .1 | .2 | .2 | | | | | | | | | | | | | 10 | 10 | 88 | 121 | | | | | | | | | | |
| 60/ 59 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 35 | 92 | | | | | | | | | | |
| 58/ 57 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 17 | 63 | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 12 | 62 | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 7 | 27 | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| TOTAL | .4 | 3.2 | 11.8 | 18.5 | 20.9 | 18.7 | 14.3 | 6.9 | 3.1 | 1.1 | .6 | .3 | .1 | | | | | 930 | 930 | 930 | 930 | | | | | | | | | | |
| Element (X) | ΣX^1 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | |
| Rel. Hum. | 4121591 | | 60839 | | 65.4 | | 12.346 | | 930 | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | | | | | | | | | |
| Dry Bulb | 5357563 | | 70335 | | 75.6 | | 6.412 | | 930 | | | | | | 85.5 | | 63.1 | | 26.1 | | .1 | | | | | | | | | | |
| Wet Bulb | 4240039 | | 62635 | | 67.3 | | 4.823 | | 930 | | | | | | 55.2 | | 14.0 | | | | | | | | | | | | | | |
| Dew Point | 3696165 | | 58385 | | 62.8 | | 3.756 | | 930 | | | | | | 25.0 | | 2.0 | | | | | | | | | | | | | | |

USAFETAC FORM 0-26.5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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AUG
MONTH

STATION

STATION NAME

YEARS

MONTH

1200-1400

HOURS (1 - 5 - 7)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

1500-1700
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | |
|-------------|-------------------------------------|-----|-------|-----|------|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|--------------------|----------|-----------|--|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | Dry Bulb | | Wet Bulb | Dew Point | | |
| 100/ 99 | | | | | | | | | | | | | | | | .1 | .1 | | 2 | 2 | | | |
| 98/ 97 | | | | | | | | | | | | | .3 | .2 | | .3 | | | 9 | 9 | | | |
| 96/ 95 | | | | | | | | | | | .4 | .3 | 1.7 | .5 | | | | 28 | 28 | | | | |
| 94/ 93 | | | | | | | | | .1 | .4 | 1.5 | .8 | .9 | .1 | .2 | | | 37 | 37 | | | | |
| 92/ 91 | | | | | | | .6 | .9 | 1.1 | 1.8 | 1.4 | .4 | .1 | | .5 | | | 64 | 64 | | | | |
| 90/ 89 | | | | | .1 | .2 | 1.4 | 1.5 | 1.8 | 1.2 | .3 | .1 | .1 | .1 | | | | 68 | 68 | | | | |
| 88/ 87 | | | | .1 | .1 | .9 | 1.0 | 1.2 | 2.0 | 1.9 | 1.2 | .4 | .3 | .2 | | | | 87 | 87 | | | | |
| 86/ 85 | | | | .1 | .4 | 1.0 | 1.9 | 2.0 | 2.5 | 1.0 | .2 | .3 | | .2 | | | | 99 | 98 | | | | |
| 84/ 83 | | | | .6 | .9 | 1.4 | 1.9 | 1.7 | 1.7 | 1.4 | .3 | | | .1 | | | | 94 | 94 | | | | |
| 82/ 81 | | | | .8 | .5 | 1.7 | 1.1 | 2.2 | 1.3 | 1.3 | .3 | | | | | | | 84 | 84 | 3 | | | |
| 80/ 79 | | .2 | .5 | 1.3 | 2.2 | 1.4 | 2.4 | 1.3 | .2 | .1 | .3 | | | | | | | 92 | 92 | 16 | | | |
| 78/ 77 | | .3 | .4 | 1.9 | 1.5 | 1.5 | 2.0 | .6 | .5 | .2 | | | | | | | | 88 | 88 | 53 | | | |
| 76/ 75 | | | .6 | .4 | 1.4 | .8 | .3 | 1.4 | .8 | .1 | | | | | | | | 54 | 54 | 105 | | | |
| 74/ 73 | | .1 | .3 | .2 | 1.5 | .8 | .9 | .4 | .5 | .1 | | | | | | | | 47 | 47 | 120 | | | |
| 72/ 71 | | .1 | 1.1 | .9 | 1.0 | .3 | .2 | .2 | .1 | | | | | | | | | 36 | 36 | 138 | | | |
| 70/ 69 | | | .8 | .6 | .6 | .2 | .1 | .2 | | | | | | | | | | 24 | 24 | 131 | | | |
| 68/ 67 | | | .3 | .4 | .1 | | | | | | | | | | | | | 8 | 8 | 90 | | | |
| 66/ 65 | | .3 | .3 | | | | | | | | | | | | | | | 6 | 6 | 107 | | | |
| 64/ 63 | | .1 | | | .1 | .2 | | | | | | | | | | | | 4 | 4 | 79 | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 59 | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 23 | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 14 | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 42 | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 19 | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 19 | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 13 | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 10 | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 4 | | | |
| TOTAL | | .6 | 4.4 | 5.1 | 10.0 | 11.9 | 12.4 | 16.2 | 14.3 | 11.5 | 5.6 | 4.5 | 1.4 | 1.0 | 1.0 | .1 | | | 930 | 930 | 930 | | |
| Element (X) | ΣX ² | | ΣX | | Σ | | Σ _n | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | |
| Ref. Hum. | 2775728 | | 49140 | | 52.8 | | 13.890 | | 930 | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total |
| Dry Bulb | 6411243 | | 76939 | | 82.7 | | 7.042 | | 930 | | | | | | 92.6 | | 85.2 | | 61.9 | | 7.6 | | 93 |
| Wet Bulb | 4532743 | | 64755 | | 69.6 | | 5.074 | | 930 | | | | | | 66.5 | | 79.7 | | .7 | | | | 93 |
| Dew Point | 3726424 | | 58510 | | 62.9 | | 6.927 | | 930 | | | | | | 27.7 | | 6.0 | | | | | | 93 |

4

4

MONTH

MONTH

1800-2000

HOURS (L. S. T.)

JSAFETAC
FORM
NO. 24
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

(

9-70

AUG

MONTH

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

4

PAGE 1

9-7c

AUG

STATION

STATION NAME

YEARS

MONTH

ALL

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAAC

PSYCHROMETRIC SUMMARY

14949
STATION

OFFUTT AFB NE
STATION NAME

1970
YEAR

YEAR

SEP
MONTH
PAGE 1 0000-0200
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|-------|------|------|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 82/ 81 | | | | | | .1 | | .1 | | | | | | | | | | 3 | 3 | | | | | | |
| 80/ 79 | | | | .2 | .0 | .2 | | | | | | | | | | | | 9 | 9 | | | | | | |
| 78/ 77 | | | .3 | .4 | .0 | .3 | .1 | | | | | | | | | | | 19 | 18 | | | | | | |
| 76/ 75 | | .2 | .2 | .2 | .0 | .1 | .1 | | .1 | .1 | .1 | | | | | | | 18 | 18 | | | | | | |
| 74/ 73 | | | 1.2 | 1.4 | .2 | .3 | .3 | | .1 | | | | | | | | | 33 | 33 | 11 | 3 | | | | |
| 72/ 71 | .2 | .0 | 1.7 | .9 | .4 | .4 | .0 | | .1 | | | | | | | | | 44 | 44 | 19 | 8 | | | | |
| 70/ 69 | | .9 | 2.8 | .0 | .0 | .3 | .1 | .4 | .1 | | | | | | | | | 52 | 52 | 32 | 18 | | | | |
| 68/ 67 | | 1.9 | 2.0 | .4 | .7 | .1 | .2 | .1 | | | | | | | | | | 54 | 54 | 33 | 27 | | | | |
| 66/ 65 | .0 | 1.0 | 2.4 | 1.3 | .2 | .0 | .3 | | | | | | | | | | | 58 | 58 | 38 | 57 | | | | |
| 64/ 63 | .3 | 2.7 | 3.1 | 1.8 | 1.1 | .8 | | | | | | | | | | | | 88 | 88 | 44 | 61 | | | | |
| 62/ 61 | .7 | 2.8 | 1.7 | 1.7 | .8 | .4 | .1 | | | | | | | | | | | 73 | 73 | 66 | 38 | | | | |
| 60/ 59 | | 3.4 | 1.9 | 1.7 | .7 | .3 | | | | | | | | | | | | 72 | 72 | 64 | 50 | | | | |
| 58/ 57 | .3 | 2.4 | 4.3 | 1.6 | .9 | .1 | | | | | | | | | | | | 87 | 87 | 73 | 83 | | | | |
| 56/ 55 | .3 | 3.1 | 1.8 | 1.2 | .6 | .2 | | | | | | | | | | | | 65 | 65 | 68 | 66 | | | | |
| 54/ 53 | .1 | 2.7 | 2.3 | 1.2 | .7 | .3 | | | | | | | | | | | | 66 | 66 | 52 | 56 | | | | |
| 52/ 51 | | 1.0 | 2.2 | .7 | .4 | .1 | .1 | | | | | | | | | | | 41 | 41 | 34 | 82 | | | | |
| 50/ 49 | | .9 | 2.2 | 1.0 | | .1 | | | | | | | | | | | | 38 | 38 | 27 | 50 | | | | |
| 48/ 47 | | 1.1 | 1.3 | .4 | | .1 | | | | | | | | | | | | 27 | 27 | 20 | 57 | | | | |
| 46/ 45 | | 1.1 | 1.4 | .6 | | | | | | | | | | | | | | 29 | 28 | 44 | 70 | | | | |
| 44/ 43 | | .7 | .8 | .1 | | | | | | | | | | | | | | 14 | 14 | 29 | 53 | | | | |
| 42/ 41 | | .2 | .3 | .1 | | | | | | | | | | | | | | 6 | 6 | 22 | 28 | | | | |
| 40/ 39 | | .4 | .1 | | | | | | | | | | | | | | | 5 | 5 | 15 | 32 | | | | |
| 38/ 37 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 26 | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 13 | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 14 | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 5 | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 2.0 | 27.2 | 34.8 | 17.6 | 9.3 | 5.2 | 2.0 | .7 | .4 | .1 | .1 | | | | | | | 900 | 900 | 900 | 900 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x ² | | Σ x | | x̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | |
| Rel Hum | 5496393 | | 69363 | | 77.1 | | 12.942 | | 900 | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | |
| Dry Bulb | 3366307 | | 54491 | | 60.5 | | 8.041 | | 900 | | | | | | 23.1 | | 8.1 | | .7 | | | | 90 | | |
| Wet Bulb | 2914472 | | 50685 | | 56.3 | | 8.174 | | 900 | | | | | | 11.5 | | 1.1 | | | | | | 90 | | |
| Dew Point | 2604424 | | 47692 | | 53.0 | | 9.265 | | 900 | | | | .8 | | 5.6 | | .3 | | | | | | 90 | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

YEARS

STATION

STATION NAME

YEARS

MONTH

HOURS (L. S. T.)

USAFETAC
FORM
MIL. 04
0-26 5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
STATION

OFFUTT AFB NE

STATION NAME

9-78

YEARS

SEP

MONTH

PAGE 1 0600-0600
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | |
|-------------|-------------------------------------|-------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--------------------|-------|-----|----|-----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 78/ 77 | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | .3 | .3 | .2 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | | |
| 74/ 73 | | .2 | .6 | 1.4 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | 2 | |
| 72/ 71 | | .1 | 2.0 | .9 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 | 32 | 10 | 1 |
| 70/ 69 | | 1.7 | 2.7 | 1.1 | .3 | .2 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 55 | 19 | 11 |
| 68/ 67 | .1 | 3.1 | 2.8 | 1.0 | .8 | .2 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 73 | 73 | 52 | 30 |
| 66/ 65 | .7 | 1.7 | 1.9 | 1.3 | .1 | .3 | .1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 58 | 58 | 71 | 53 |
| 64/ 63 | .3 | 3.7 | 1.6 | 1.1 | .6 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 67 | 67 | 50 | 66 |
| 62/ 61 | .4 | 2.0 | 1.0 | 1.1 | .7 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 53 | 53 | 77 | 53 |
| 60/ 59 | .6 | 2.4 | 2.8 | 1.0 | .6 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 69 | 69 | 49 | 58 |
| 58/ 57 | .8 | 3.0 | 3.0 | .8 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 78 | 78 | 65 | 52 |
| 56/ 55 | | 3.2 | 4.0 | 1.1 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 79 | 78 | 75 | 57 |
| 54/ 53 | .2 | 2.7 | 2.8 | 1.2 | .7 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 70 | 70 | 78 | 59 |
| 52/ 51 | .1 | 2.8 | 2.1 | .2 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 54 | 54 | 81 | 68 |
| 50/ 49 | | 1.3 | 3.3 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 51 | 51 | 55 | 82 |
| 48/ 47 | .1 | 2.1 | .6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 58 | 53 |
| 46/ 45 | | 2.3 | 1.3 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | 38 | 43 | 58 |
| 44/ 43 | | 1.2 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 18 | 42 | 49 |
| 42/ 41 | .1 | 1.4 | .8 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | 29 | 38 |
| 40/ 39 | | .6 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 17 | 38 |
| 38/ 37 | .1 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 13 | 17 |
| 36/ 35 | .2 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 32 |
| 34/ 33 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 6 | 13 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 4.0 | 36.7 | 15.4 | 15.1 | 6.2 | 1.8 | .2 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | 900 | 900 | | 900 |
| Element (X) | Σx' | Σx | Σ | Σ ² | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | Total | | | | | | | | | | | | | | | | | | | |
| Rel Hum | 5994337 | 72773 | 80.9 | 11.061 | 900 | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 3137489 | 52501 | 58.3 | 8.879 | 900 | | | 17.5 | 3.5 | | | 90 | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 2789516 | 49508 | 55.0 | 8.577 | 900 | | .1 | 3.3 | .4 | | | 90 | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 2540657 | 47067 | 52.3 | 9.387 | 900 | 1.0 | 4.2 | | | | | 90 | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14949
STATION

OFFUTT AFB NE
STATION NAME

9-78
YEARS

SEP
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|------|-----------|----------|----------|-----------|----|--|--|--|------------------------------------|--------|--------|--------|--------|--------|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | | | | .1 | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | .1 | .1 | .1 | | | .1 | | | | | 4 | | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | .2 | | .1 | .1 | .1 | | | | | | | 5 | | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | .1 | .2 | .2 | .2 | .2 | | .1 | | | | | | | 10 | | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | .1 | .4 | .3 | .2 | .1 | | | | .1 | | | | | 17 | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | .3 | .9 | .2 | .6 | .2 | | .2 | .1 | .1 | | | | | | 24 | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | .2 | .3 | .9 | .9 | .4 | .3 | .6 | | | .1 | | | | | | 34 | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | .9 | 1.0 | 1.1 | .7 | .4 | .3 | .4 | .4 | | | | | | | | 48 | | | 1 | | | | | | | | | | | | | | |
| 76/ 75 | | | .4 | 1.7 | 1.6 | .6 | .7 | | .2 | .4 | | | | | | | | 50 | | | 14 | 2 | | | | | | | | | | | | | |
| 74/ 73 | | .2 | .7 | 1.3 | 1.4 | 1.1 | .9 | .7 | .3 | .2 | | | | | | | | 58 | | | 26 | 5 | | | | | | | | | | | | | |
| 72/ 71 | | .2 | .7 | 1.2 | .8 | .4 | .9 | .2 | .2 | | | | | | | | | 42 | | | 45 | 19 | | | | | | | | | | | | | |
| 70/ 69 | .2 | 1.2 | 2.4 | 1.8 | .9 | 1.2 | 1.2 | .2 | .2 | .1 | | | | | | | | 66 | | | 54 | 33 | | | | | | | | | | | | | |
| 68/ 67 | .1 | .7 | 2.3 | .7 | 1.4 | 1.9 | .6 | .4 | | | | | | | | | | 73 | | | 54 | 50 | | | | | | | | | | | | | |
| 66/ 65 | | 1.0 | 1.3 | 2.3 | 1.2 | .6 | .8 | .2 | .1 | | | | | | | | | 68 | | | 70 | 46 | | | | | | | | | | | | | |
| 64/ 63 | | 1.6 | 1.2 | 1.7 | 1.2 | 1.7 | .9 | .2 | .2 | | | | | | | | | 78 | | | 75 | 66 | | | | | | | | | | | | | |
| 62/ 61 | .1 | .9 | 1.4 | 2.4 | 2.3 | 1.4 | 1.1 | | | | | | | | | | | 92 | | | 65 | 71 | | | | | | | | | | | | | |
| 60/ 59 | | 1.2 | 2.1 | 1.2 | .6 | .6 | .4 | .2 | | | | | | | | | | 59 | | | 82 | 51 | | | | | | | | | | | | | |
| 58/ 57 | | .7 | 1.3 | 1.2 | 1.1 | 1.1 | | | | | | | | | | | | 49 | | | 94 | 42 | | | | | | | | | | | | | |
| 56/ 55 | | .1 | 1.1 | .6 | .7 | .7 | | | | | | | | | | | | 28 | | | 66 | 73 | | | | | | | | | | | | | |
| 54/ 53 | .1 | .6 | 1.2 | .8 | .7 | .4 | | | | | | | | | | | | 34 | | | 73 | 60 | | | | | | | | | | | | | |
| 52/ 51 | | .1 | .4 | .3 | .2 | | | | | | | | | | | | | 10 | | | 54 | 65 | | | | | | | | | | | | | |
| 50/ 49 | | .2 | .6 | .9 | .1 | | | | | | | | | | | | | 16 | | | 42 | 59 | | | | | | | | | | | | | |
| 48/ 47 | | .4 | .1 | .2 | | .1 | | | | | | | | | | | | 8 | | | 33 | 52 | | | | | | | | | | | | | |
| 46/ 45 | | .3 | .3 | | .1 | | | | | | | | | | | | | 7 | | | 29 | 52 | | | | | | | | | | | | | |
| 44/ 43 | | .3 | | | .1 | | | | | | | | | | | | | 4 | | | 15 | 40 | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 3 | 35 | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 | 26 | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 | 15 | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | | | | Σ X | | | | | X̄ | | | | | σ _x | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | Total | | | |
| Rel. Hum | | | | | | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26-5 (OL A) JUL 64
USAFETAC
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| | |
|---------|----------------|
| 14949 | DI PUTT AFB NF |
| STATION | STATION NAME |

9-78

YEARS

SEP

MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14940
STATION

OFFUTT AFB NE
STATION NAME

9-76
YEARS

SEP
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|----------|----|----------|--|-----------|--|--------------------|-------|----|----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | *31 | Dry Bulb | | Wet Bulb | | Dew Point | | | | | |
| 98/ 97 | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | 2 | 2 | | |
| 94/ 93 | | | | | | | | | | .1 | .3 | .4 | .1 | | | | | 9 | 9 | | | | | 9 | 9 | | |
| 92/ 91 | | | | | | | | | .4 | .4 | .3 | .2 | .2 | .1 | | | | 16 | 16 | | | | | 16 | 16 | | |
| 90/ 89 | | | | | | | .1 | .4 | .8 | .1 | .6 | .1 | .3 | .2 | | | | 24 | 24 | | | | | 24 | 24 | | |
| 88/ 87 | | | | | | .2 | .6 | .7 | .6 | .3 | .6 | .1 | .2 | .1 | | | | 30 | 30 | | | | | 30 | 30 | | |
| 86/ 85 | | | | | .2 | .4 | .6 | .4 | .4 | | .6 | .2 | .1 | .2 | .1 | | | 29 | 29 | | | | | 29 | 29 | | |
| 84/ 83 | | | | .3 | .4 | .7 | 1.0 | 1.0 | .3 | .3 | .3 | .3 | .1 | | | | | 44 | 44 | | | | | 44 | 44 | | |
| 82/ 81 | | | | .3 | .2 | 1.0 | .9 | .4 | .4 | .6 | .4 | .8 | | | | | | 46 | 46 | | | | | 46 | 46 | | |
| 80/ 79 | | | .1 | .9 | .6 | 1.3 | 1.1 | .6 | .6 | .4 | .6 | .2 | .1 | | | | | 58 | 58 | | | | | 58 | 58 | | |
| 78/ 77 | | .1 | .4 | .9 | 1.2 | .8 | .4 | .4 | .3 | .3 | .2 | | | | | | | 47 | 47 | | | | | 47 | 47 | 15 | |
| 76/ 75 | | | .4 | .8 | 1.7 | 1.2 | 1.0 | .7 | .9 | .6 | .2 | .1 | | | | | | 68 | 68 | | | | | 68 | 68 | 29 | 3 |
| 74/ 73 | | | .9 | 1.0 | 1.1 | .8 | 1.2 | 1.4 | .4 | .3 | .2 | | | | | | | 67 | 67 | | | | | 67 | 67 | 46 | 13 |
| 72/ 71 | | .4 | .4 | .8 | .7 | 1.3 | 2.0 | 1.4 | .8 | .3 | | | | | | | | 74 | 74 | | | | | 74 | 74 | 60 | 24 |
| 70/ 69 | | .4 | 1.0 | 1.1 | .6 | 1.1 | 1.0 | 1.0 | .4 | .6 | .1 | | | | | | | 66 | 66 | | | | | 66 | 66 | 64 | 41 |
| 68/ 67 | | .4 | 1.0 | .8 | 1.2 | .4 | 1.7 | 1.0 | .6 | .2 | | | | | | | | 66 | 66 | | | | | 66 | 66 | 68 | 46 |
| 66/ 65 | | .2 | 1.1 | 1.2 | .1 | 1.0 | 1.1 | 1.0 | .6 | .1 | | | | | | | | 58 | 58 | | | | | 58 | 58 | 68 | 51 |
| 64/ 63 | | .3 | .7 | 1.1 | .9 | 1.1 | .7 | 1.7 | .7 | | | | | | | | | 64 | 64 | | | | | 64 | 64 | 65 | 60 |
| 62/ 61 | | .8 | 1.6 | .6 | .6 | .4 | .7 | .4 | .1 | | | | | | | | | 46 | 46 | | | | | 46 | 46 | 79 | 71 |
| 60/ 59 | | .7 | .4 | .3 | .4 | .3 | .3 | | | | | | | | | | | 23 | 23 | | | | | 23 | 23 | 91 | 42 |
| 58/ 57 | | .1 | .1 | .4 | .2 | .6 | .1 | | | | | | | | | | | 14 | 14 | | | | | 14 | 14 | 70 | 45 |
| 56/ 55 | | .3 | .6 | .7 | .3 | .1 | | | | | | | | | | | | 18 | 18 | | | | | 18 | 18 | 70 | 77 |
| 54/ 53 | | .3 | .2 | .4 | .3 | | | .1 | | | | | | | | | | 13 | 13 | | | | | 13 | 13 | 53 | 50 |
| 52/ 51 | | .2 | .3 | .1 | | | .1 | | | | | | | | | | | 7 | 7 | | | | | 7 | 7 | 40 | 49 |
| 50/ 49 | | .1 | .4 | | | | .1 | | | | | | | | | | | 6 | 6 | | | | | 6 | 6 | 47 | 51 |
| 48/ 47 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | | | | | 3 | 3 | 21 | 58 |
| 46/ 45 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | | | | 2 | 2 | 8 | 57 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 39 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 30 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 29 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Element (X) | Σ x' | | Σ x | | Σ | | Σ x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0 26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

9-75

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400

HOURS (L. S. T.)

[illegible]

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SEP
MONTH

YEARS

1500-1700

HOURS (L, S, T.)

[illegible]

0-26-5 (OLA)

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49-70

SEP
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

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USAFETAC FORM 0-26 5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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YEARS

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PSYCHROMETRIC SUMMARY

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9-78

SEP
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

4

YEARS

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SEP

STATION

STATION NAME

PAGE 1 2100-2300

HOURS (L, S, T.)

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USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

YEARS

DEPUTY AFB MC

9-78

SEP

STATION NAME

PAGE 1

MONTH

411

HOURS (L, S, T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 98/ 97 | | | | | | | | | | | | | | .0 | .0 | .0 | | 4 | 4 | | | | | | | | | | | | | | |
| 96/ 95 | | | | | | | | | | | | | .0 | | | | | 7 | 2 | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | .0 | .1 | .1 | .1 | .0 | | .0 | | 25 | 25 | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | .0 | .1 | .1 | .1 | .0 | .1 | .1 | .1 | | | 37 | 37 | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | .0 | .1 | .2 | .2 | .1 | .1 | .1 | .1 | .0 | | | 63 | 63 | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | .0 | .2 | .2 | .3 | .2 | .1 | .1 | .1 | .1 | .0 | .0 | | 94 | 94 | | | | | | | | | | | | | | |
| 86/ 85 | | | | | .1 | .2 | .3 | .2 | .2 | .1 | .2 | .1 | .1 | .1 | .0 | | | 97 | 97 | | | | | | | | | | | | | | |
| 84/ 83 | | | .1 | .1 | .4 | .3 | .3 | .2 | .1 | .1 | .1 | .1 | .1 | .0 | | | | 127 | 127 | | | | | | | | | | | | | | |
| 82/ 81 | | | .1 | .3 | .4 | .5 | .3 | .2 | .2 | .2 | .2 | .2 | .0 | .0 | | | | 176 | 176 | | | | | | | | | | | | | | |
| 80/ 79 | | | .1 | .4 | .5 | .6 | .4 | .2 | .3 | .2 | .2 | .1 | .0 | | | | | 220 | 220 | | | | | | | | | | | | | | |
| 78/ 77 | | .0 | .3 | .5 | .9 | .6 | .4 | .2 | .3 | .3 | .1 | .0 | | | | | | 247 | 247 | 38 | | | | | | | | | | | | | |
| 76/ 75 | | .1 | .4 | .8 | 1.0 | .6 | .4 | .3 | .5 | .2 | .1 | .0 | .0 | | | | | 334 | 334 | 83 | 19 | | | | | | | | | | | | |
| 74/ 73 | .0 | .1 | .7 | 1.0 | .6 | .6 | .7 | .6 | .3 | .2 | .1 | | | | | | | 357 | 357 | 191 | 37 | | | | | | | | | | | | |
| 72/ 71 | .0 | .3 | 1.1 | .9 | .5 | .6 | .7 | .5 | .3 | .1 | .1 | | | | | | | 363 | 363 | 274 | 109 | | | | | | | | | | | | |
| 70/ 69 | .0 | 1.0 | 1.9 | 1.1 | .7 | .8 | .6 | .5 | .3 | .2 | .1 | | | | | | | 515 | 515 | 351 | 199 | | | | | | | | | | | | |
| 68/ 67 | .0 | 1.3 | 2.1 | .9 | 1.0 | .6 | .6 | .4 | .2 | .1 | | | | | | | | 528 | 528 | 447 | 308 | | | | | | | | | | | | |
| 66/ 65 | .2 | 1.5 | 1.9 | 1.3 | .7 | .6 | .6 | .3 | .3 | .0 | | | | | | | | 498 | 498 | 504 | 389 | | | | | | | | | | | | |
| 64/ 63 | .2 | 1.8 | 1.7 | 1.6 | .9 | .9 | .4 | .5 | .3 | .1 | .0 | | | | | | | 598 | 598 | 486 | 481 | | | | | | | | | | | | |
| 62/ 61 | .2 | 1.6 | 1.6 | 1.3 | 1.0 | .6 | .3 | .2 | .0 | | | | | | | | | 496 | 496 | 617 | 457 | | | | | | | | | | | | |
| 60/ 59 | .2 | 1.6 | 1.9 | 1.0 | .7 | .3 | .3 | .1 | .0 | .0 | | | | | | | | 431 | 431 | 635 | 424 | | | | | | | | | | | | |
| 58/ 57 | .2 | 1.3 | 2.2 | 1.0 | .7 | .4 | .1 | | | | | | | | | | | 431 | 431 | 600 | 469 | | | | | | | | | | | | |
| 56/ 55 | .1 | 1.7 | 1.5 | .8 | .6 | .4 | .0 | .1 | | | | | | | | | | 375 | 375 | 592 | 516 | | | | | | | | | | | | |
| 54/ 53 | .1 | 1.4 | 1.5 | .8 | .5 | .3 | .0 | .0 | | | | | | | | | | 345 | 345 | 580 | 473 | | | | | | | | | | | | |
| 52/ 51 | .0 | 1.0 | 1.2 | .5 | .4 | .0 | .0 | | | | | | | | | | | 234 | 234 | 439 | 332 | | | | | | | | | | | | |
| 50/ 49 | .0 | .0 | 1.4 | .7 | .1 | .0 | .0 | | | | | | | | | | | 200 | 200 | 380 | 497 | | | | | | | | | | | | |
| 48/ 47 | .0 | .0 | .5 | .2 | .1 | .0 | | | | | | | | | | | | 121 | 121 | 342 | 443 | | | | | | | | | | | | |
| 46/ 45 | .0 | .0 | .0 | .3 | .0 | | | | | | | | | | | | | 122 | 122 | 267 | 454 | | | | | | | | | | | | |
| 44/ 43 | .0 | .0 | .4 | .4 | .0 | .0 | | | | | | | | | | | | 64 | 64 | 156 | 366 | | | | | | | | | | | | |
| 42/ 41 | .0 | .0 | .4 | .2 | .0 | | | | | | | | | | | | | 49 | 49 | 92 | 233 | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

SEP

MONTH

ALL

S (L. S.)

[illegible]

PSYCHROMETRIC SUMMARY

NET
MONTH

HOURS (L, S, T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| TOTAL | 1.4 | 24.9 | 22.4 | 22.5 | 12.4 | 3.7 | 2.0 | .4 | .2 | .1 | | | | | | | | | 930 | 930 | 930 | |
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YEARS

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MONTH

HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MONTH

HOURS (L. S. T.)

[illegible]

4

YEARS

OF FUTT AFU NF

9-74

NCT

MONTH

PAGE 2

0900-1100

HOURS (I, S, T.)

[illegible]

USAFETAC FORM 0-26-5 (O.L.A.)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

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9-7b

RLT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L - S - T)

USAFETAC
FORM
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0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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YEARS

3-7

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STATION

STATION NAME

MONTH

PAGE 2

1200-1400

HOURS () () ()

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

14949 DIFUTT AFB NE

9-7

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 92/ 91 | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | | | | |
| 90/ 89 | | | | | | | | | | | | | .3 | .2 | | | | 5 | 5 | | | | | |
| 88/ 87 | | | | | | | | | | | .1 | .5 | | | | | | 6 | 6 | | | | | |
| 86/ 85 | | | | | | | | | .2 | | .1 | .3 | .1 | | | | | 7 | 7 | | | | | |
| 84/ 83 | | | | | | | .2 | .1 | .3 | .1 | .4 | .1 | | .1 | | | | 13 | 13 | | | | | |
| 82/ 81 | | | | | | .1 | | .2 | .2 | .3 | .5 | .4 | .1 | | | | | 18 | 18 | | | | | |
| 80/ 79 | | | | | | | .1 | .3 | .5 | .9 | .2 | .3 | .2 | .1 | | | | 25 | 25 | | | | | |
| 78/ 77 | | | | | | .3 | .2 | .2 | .6 | .4 | .5 | .2 | | .1 | | | | 25 | 25 | | | | | |
| 76/ 75 | | | | | .3 | .2 | .4 | .4 | .9 | 1.3 | .6 | 1.0 | | | | | | 48 | 48 | | | | | |
| 74/ 73 | | | | | .3 | .4 | .5 | .5 | .3 | 1.1 | 1.3 | .2 | | | | | | 48 | 48 | | | | | |
| 72/ 71 | | | | | .2 | 1.1 | .4 | .5 | .3 | 1.3 | .6 | .2 | | | | | | 42 | 42 | 4 | | | | |
| 70/ 69 | | | | | .5 | 1.1 | | 1.1 | 1.3 | 1.1 | .4 | | | | | | | 51 | 51 | 3 | | | | |
| 68/ 67 | | | .1 | .3 | .6 | .1 | .3 | 1.0 | 1.1 | .5 | .2 | | | | | | | 49 | 49 | 14 | 3 | | | |
| 66/ 65 | | .3 | .4 | .8 | .2 | .2 | .3 | 1.8 | .8 | .4 | .2 | | | | | | | 51 | 51 | 31 | | | | |
| 64/ 63 | | .5 | .1 | .9 | .6 | .5 | .9 | 1.0 | 1.1 | 1.1 | .1 | | | | | | | 63 | 63 | 39 | 9 | | | |
| 62/ 61 | | .2 | .4 | 1.2 | .6 | .4 | .6 | 1.1 | .9 | .4 | | | | | | | | 56 | 56 | 61 | 20 | | | |
| 60/ 59 | | .2 | 1.1 | .6 | .3 | .5 | 1.0 | 1.6 | .4 | .5 | | | | | | | | 59 | 59 | 52 | 14 | | | |
| 58/ 57 | | .1 | | .3 | .9 | .4 | 1.4 | .9 | .2 | | | | | | | | | 39 | 39 | 43 | 24 | | | |
| 56/ 55 | | .2 | 1.0 | .6 | 1.2 | 1.4 | 1.4 | .4 | .1 | | | | | | | | | 59 | 59 | 65 | 40 | | | |
| 54/ 53 | | 1.1 | .6 | 1.0 | .3 | 2.0 | .9 | .4 | | | | | | | | | | 59 | 59 | 82 | 43 | | | |
| 52/ 51 | | .6 | .4 | .4 | .3 | 1.4 | .2 | .2 | | | | | | | | | | 34 | 34 | 94 | 51 | | | |
| 50/ 49 | | .6 | 1.0 | .3 | 1.1 | .2 | .2 | | | | | | | | | | | 32 | 32 | 57 | 47 | | | |
| 48/ 47 | | .4 | .2 | .4 | 1.2 | .2 | .3 | | | | | | | | | | | 26 | 26 | 74 | 40 | | | |
| 46/ 45 | .1 | .4 | .3 | 1.0 | 1.1 | .4 | .1 | | | | | | | | | | | 32 | 32 | 73 | 49 | | | |
| 44/ 43 | | .5 | .3 | 1.0 | .9 | .6 | | | | | | | | | | | | 31 | 31 | 71 | 57 | | | |
| 42/ 41 | | 1.2 | .2 | .6 | .2 | | .3 | | | | | | | | | | | 24 | 24 | 49 | 51 | | | |
| 40/ 39 | .1 | 1.1 | .5 | | .3 | .2 | | | | | | | | | | | | 21 | 21 | 31 | 67 | | | |
| 38/ 37 | .2 | .3 | | | .1 | | | | | | | | | | | | | 6 | 6 | 39 | 62 | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 31 | 59 | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 3 | 55 | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 6 | 77 | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 3 | 53 | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 38 | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 18 | | | |
| Element (X) | Σ X ² | | Σ X | | X̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | |
| Rel Hum | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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9-76

nct

STATION NAME

YEARS

MONTH

1500-1700

HOURS (L. S. T.)

USAFETAC
FORM
11-1-61
0 26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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1800-2000
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

14949 OF FUTT AFJ NF

9-73

FACT

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1800-2000

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

NET
MONTH

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PSYCHROMETRIC SUMMARY

14949 OF FUTT AF8 NF

Q-73

RLT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|------------|-----------|------------|----------|------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 92/ 91 | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | |
| 90/ 89 | | | | | | | | | | | | | | | | | | 9 | 8 | | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | | | 11 | 11 | | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | | | 13 | 13 | | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | | | 27 | 27 | | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | | | 30 | 39 | | | | | |
| 80/ 79 | | | | | | | | | | | | | | | | | | 55 | 55 | | | | | |
| 78/ 77 | | | | | | | | | | | | | | | | | | 65 | 55 | | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | | | 122 | 122 | | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | 132 | 132 | | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | 148 | 148 | 7 | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | 201 | 201 | 18 | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | 209 | 209 | 48 | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | 263 | 263 | 105 | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | 344 | 344 | 183 | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | 343 | 343 | 230 | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | 404 | 404 | 287 | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | 438 | 438 | 348 | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | 437 | 437 | 374 | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | 510 | 510 | 433 | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | 487 | 487 | 542 | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | 454 | 454 | 557 | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | 426 | 426 | 569 | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | 484 | 484 | 608 | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | 401 | 401 | 531 | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | 339 | 339 | 564 | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | 339 | 339 | 481 | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | 264 | 264 | 471 | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | 182 | 182 | 374 | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | 117 | 117 | 272 | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | 69 | 69 | 179 | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | 41 | 41 | 82 | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | 33 | 33 | 55 | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | 16 | 16 | 28 | | | | |
| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | |
| Rel Hum | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

9-74

YEARS

7CT

PAGE 2

ALL

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|----------|----------|-----------|------|--|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 24/ 23 | | .1 | .3 | | | | | | | | | | | | | | | 7 | 9 | 15 | 103 | | | | | | | | | | | | | | |
| 22/ 21 | | .1 | | | | | | | | | | | | | | | | 4 | 4 | 13 | 109 | | | | | | | | | | | | | | |
| 20/ 19 | | .0 | | | | | | | | | | | | | | | | 3 | 2 | 2 | 42 | | | | | | | | | | | | | | |
| 18/ 17 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 44 | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 17 | | | | | | | | | | | | | | |
| TOTAL | 1,219.52 | 1.71 | 7.41 | 2.0 | 8.0 | 6.1 | 2.0 | 2.9 | 2.4 | 1.5 | .7 | .2 | .1 | | | | | 7440 | 7440 | 7440 | 7440 | | | | | | | | | | | | | | |

| Element (X) | ΣX^1 | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 33203701 | 477243 | 64.11 | 0.062 | 7441 | | | | | | | |
| Dry Bulb | 22152445 | 396409 | 53.31 | 1.773 | 7441 | | 17.0 | 103.2 | 27.4 | 12.4 | | 744 |
| Wet Bulb | 16905489 | 348001 | 46.8 | 2.188 | 7441 | | 37.8 | 7.3 | | | | 744 |
| Dew Point | 12777700 | 298010 | 40.21 | 0.218 | 7441 | | 183.8 | .7 | | | | 744 |

PSYCHROMETRIC SUMMARY

9-71

NUV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (O-L-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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NLIV

9-71

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STATION NAME

YEARS

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PAGE 1

0600-0800

HOURS (L. S. T.)

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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STATION

STATION NAME

YEARS

MONTH

PAGE 2

0600-0600

HOURS (L, S, T.)

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

14940 OFFUTT AFB NE

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STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L, S, T)

[illegible]

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YEARS

9-70

NEJV

STATION

STATION NAME

PAGE 2

MONTH

0900-1100

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-----|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | 2 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | 5 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | | 3 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 2.9 | 37.3 | 10.3 | 16.3 | 8.0 | 3.4 | 1.4 | .2 | | | | | | | | | | | 900 | 900 | 900 | 900 |
| | | | | | | | | | | | | | | | | | | | | | | |
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USAFETAC
FORM JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

4

Q-74

YEARS

MONTH

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|----------|----------|-----------|--------|-------|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 74/ 73 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | | | | | | | |
| 72/ 71 | | | | | | | | .2 | | | .2 | | | | | | | 4 | 4 | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | .1 | .3 | | | | | | | | 5 | 5 | | | | | | | | | | | |
| 68/ 67 | | | | .1 | .1 | .1 | .1 | .2 | .2 | .2 | | | | | | | | 10 | 10 | | | | | | | | | | | |
| 66/ 65 | | | | | .8 | .2 | .3 | .3 | .3 | .1 | | | | | | | | 21 | 21 | | | | | | | | | | | |
| 64/ 63 | | | .1 | .1 | .3 | .3 | .9 | .9 | .1 | .1 | | | | | | | | 26 | 26 | | | | | | | | | | | |
| 62/ 61 | | .1 | .7 | .3 | .3 | .7 | .4 | .4 | .2 | | | | | | | | | 29 | 29 | 2 | | | | | | | | | | |
| 60/ 59 | | | .7 | .3 | .6 | .9 | .8 | .3 | .3 | | .1 | | | | | | | 36 | 36 | 8 | 1 | | | | | | | | | |
| 58/ 57 | .1 | .6 | .0 | .1 | .6 | .6 | .4 | .3 | .1 | .1 | | | | | | | | 31 | 31 | 14 | 2 | | | | | | | | | |
| 56/ 55 | .1 | .3 | .3 | .1 | .6 | .9 | .6 | .3 | | | | | | | | | | 29 | 29 | 26 | 7 | | | | | | | | | |
| 54/ 53 | | .4 | .4 | .7 | .3 | 1.0 | .8 | .6 | | | | | | | | | | 38 | 38 | 28 | 16 | | | | | | | | | |
| 52/ 51 | | .1 | .3 | .7 | .6 | 2.1 | .3 | .3 | | | | | | | | | | 40 | 40 | 39 | 22 | | | | | | | | | |
| 50/ 49 | | .8 | 1.1 | .7 | 1.4 | .3 | .4 | .4 | | | | | | | | | | 47 | 47 | 35 | 7 | | | | | | | | | |
| 48/ 47 | | 1.7 | .7 | 1.2 | 1.6 | .9 | .9 | | | | | | | | | | | 62 | 62 | 42 | 16 | | | | | | | | | |
| 46/ 45 | .1 | .7 | .8 | 2.0 | 1.7 | 1.2 | .3 | .1 | | | | | | | | | | 62 | 62 | 52 | 36 | | | | | | | | | |
| 44/ 43 | | .5 | 1.6 | 1.3 | 1.1 | .6 | .1 | | | | | | | | | | | 47 | 47 | 46 | 24 | | | | | | | | | |
| 42/ 41 | | .2 | 2.0 | 1.3 | .9 | .2 | .1 | | | | | | | | | | | 43 | 43 | 71 | 29 | | | | | | | | | |
| 40/ 39 | | 1.9 | 1.3 | 1.2 | 1.1 | .1 | | | | | | | | | | | | 51 | 51 | 55 | 39 | | | | | | | | | |
| 38/ 37 | | 1.0 | 1.7 | 2.3 | .3 | .4 | | | | | | | | | | | | 52 | 52 | 84 | 38 | | | | | | | | | |
| 36/ 35 | .1 | 1.1 | 1.1 | 1.8 | .3 | .2 | | | | | | | | | | | | 42 | 42 | 57 | 56 | | | | | | | | | |
| 34/ 33 | | 2.7 | 1.3 | 1.0 | .1 | .3 | | | | | | | | | | | | 54 | 54 | 56 | 63 | | | | | | | | | |
| 32/ 31 | .2 | 2.4 | 1.0 | .8 | .1 | | | | | | | | | | | | | 41 | 41 | 72 | 64 | | | | | | | | | |
| 30/ 29 | .1 | 1.2 | 1.8 | .8 | .3 | | | | | | | | | | | | | 38 | 38 | 60 | 73 | | | | | | | | | |
| 28/ 27 | | .6 | .4 | .7 | | | | | | | | | | | | | | 18 | 18 | 32 | 67 | | | | | | | | | |
| 26/ 25 | .3 | 1.4 | .7 | .7 | | | | | | | | | | | | | | 28 | 28 | 33 | 45 | | | | | | | | | |
| 24/ 23 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 27 | 39 | | | | | | | | | |
| 22/ 21 | | .7 | .4 | .1 | | | | | | | | | | | | | | 11 | 11 | 17 | 53 | | | | | | | | | |
| 20/ 19 | .2 | .9 | .2 | | | | | | | | | | | | | | | 12 | 12 | 11 | 49 | | | | | | | | | |
| 18/ 17 | .1 | .1 | .4 | | | | | | | | | | | | | | | 6 | 6 | 16 | 39 | | | | | | | | | |
| 16/ 15 | | .3 | .7 | | | | | | | | | | | | | | | 9 | 9 | 2 | 28 | | | | | | | | | |
| 14/ 13 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 5 | 18 | | | | | | | | | |
| 12/ 11 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 6 | 8 | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 3 | 15 | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | |
| Element (X) | Σ X ² | | | Σ X | | | X̄ | | | s _a | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | |
| Rel Hum | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

FILED
MONTH

HOURS (L, S, T,)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 8 | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 6 | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 7 | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 3 | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 5 | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 2 | |
| TOTAL | 16.9 | 50.2 | 10.9 | 13.4 | 12.6 | 8.1 | 5.6 | 2.6 | .7 | .3 | | | | | | | | 900 | 900 | 900 | 900 | |

| Element (X) | $\sum X^2$ | $\sum X$ | \bar{X} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------|----------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 3347083 | 52203 | 58.01 | 18.841 | 900 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 1932318 | 40164 | 44.61 | 12.476 | 900 | | 15.3 | 6.7 | .3 | | | 90 |
| Wet Bulb | 1410827 | 34419 | 38.21 | 6.254 | 900 | | 27.6 | | | | | 90 |
| Dew Point | 907527 | 26423 | 29.41 | 2.199 | 900 | 1.2 | 54.6 | | | | | 90 |

4

28.

Q-71.

NDV

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1800-2000

HOURS (L, S, T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-----|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | 7 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | 3 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | | 2 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 1.0 | 25.8 | 28.7 | 22.1 | 12.8 | 6.0 | 2.3 | .6 | .2 | | | | | | | | | | 897 | 897 | 897 | 897 |
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JSAFETAC
FORM
MIL-A-
0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

HOURS (L S, T)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|---------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|-------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 68/ 67 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 64/ 63 | | | | .2 | .3 | .1 | | | | | | | | | | | | 9 | 9 | | | | | |
| 62/ 61 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | | | | | |
| 60/ 59 | | | .4 | .7 | | | | | | | | | | | | | | 10 | 10 | 7 | | | | |
| 58/ 57 | | .7 | .8 | .2 | .3 | .1 | | | | | | | | | | | | 19 | 19 | 7 | 2 | | | |
| 56/ 55 | | .8 | .4 | .2 | .6 | | | | | | | | | | | | | 18 | 18 | 19 | 3 | | | |
| 54/ 53 | | | .4 | .9 | .1 | .1 | .1 | | | | | | | | | | | 12 | 12 | 17 | 18 | | | |
| 52/ 51 | | 1.0 | 1.2 | 1.1 | .8 | .1 | | | | | | | | | | | | 38 | 38 | 10 | 11 | | | |
| 50/ 49 | | .3 | 1.3 | 1.1 | .1 | | | .2 | | | | | | | | | | 28 | 28 | 15 | 16 | | | |
| 48/ 47 | .5 | 1.1 | 1.2 | 1.3 | .2 | .1 | .2 | | | | | | | | | | | 41 | 41 | 30 | 13 | | | |
| 46/ 45 | | .8 | 1.2 | 1.0 | .2 | .1 | | | | | | | | | | | | 30 | 30 | 38 | 16 | | | |
| 44/ 43 | | 1.4 | 1.9 | 1.4 | .8 | .2 | | | | | | | | | | | | 50 | 50 | 40 | 17 | | | |
| 42/ 41 | .1 | 1.0 | 1.8 | 1.6 | 1.0 | | | | | | | | | | | | | 49 | 49 | 31 | 29 | | | |
| 40/ 39 | .2 | 1.7 | 3.4 | 1.8 | .4 | .2 | | | | | | | | | | | | 85 | 85 | 43 | 39 | | | |
| 38/ 37 | .1 | 2.2 | 3.2 | 1.6 | .4 | | | | | | | | | | | | | 70 | 70 | 70 | 40 | | | |
| 36/ 35 | | 3.1 | 3.3 | 1.4 | .7 | | | | | | | | | | | | | 77 | 77 | 82 | 39 | | | |
| 34/ 33 | 1.0 | 3.3 | 2.6 | 1.4 | .2 | | | | | | | | | | | | | 77 | 77 | 72 | 55 | | | |
| 32/ 31 | .3 | 2.3 | 2.3 | .6 | | | | | | | | | | | | | | 50 | 50 | 76 | 57 | | | |
| 30/ 29 | .7 | 2.1 | 2.0 | .4 | .1 | | | | | | | | | | | | | 53 | 53 | 70 | 88 | | | |
| 28/ 27 | .2 | 4.5 | 1.8 | .1 | | | | | | | | | | | | | | 59 | 59 | 62 | 71 | | | |
| 26/ 25 | | 2.0 | 1.2 | | | | | | | | | | | | | | | 29 | 29 | 62 | 54 | | | |
| 24/ 23 | .1 | 1.3 | .9 | .3 | | | | | | | | | | | | | | 24 | 24 | 40 | 36 | | | |
| 22/ 21 | | .7 | .4 | .1 | | | | | | | | | | | | | | 11 | 11 | 19 | 58 | | | |
| 20/ 19 | .5 | 1.9 | .1 | | | | | | | | | | | | | | | 21 | 21 | 19 | 65 | | | |
| 18/ 17 | .2 | .4 | .1 | | | | | | | | | | | | | | | 9 | 9 | 27 | 37 | | | |
| 16/ 15 | .1 | .1 | .2 | | | | | | | | | | | | | | | 4 | 4 | 5 | 34 | | | |
| 14/ 13 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 28 | | | |
| 12/ 11 | | .9 | | | | | | | | | | | | | | | | 8 | 8 | 3 | 11 | | | |
| 10/ 9 | .1 | .6 | | | | | | | | | | | | | | | | 6 | 6 | 10 | 13 | | | |
| 8/ 7 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 10 | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 3 | 4 | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 7 | | | |
| Element (X) | Σ X ² | | Σ X | | X̄ | | σ _x | | No. Obs | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC
FORM
MIL 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

9-7.

2.5 V
MONTH

PAGE 2 2100-2300
HOURS (L S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|-------|--|-------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | |
| TOTAL | 3.7 | 35.0 | 35.7 | 17.4 | 6.2 | 1.2 | .6 | | | | | | | | | | | | 897 | 897 | | 897 | | | | | | | | | | | |

| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_x | No. Obs | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|------------|---------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel Hum. | 4689863 | 63073 | 71.01 | 3.777 | 877 | | | | | | | 90 |
| Dry Bulb | 1340373 | 33451 | 37.31 | 0.065 | 877 | | 28.1 | .1 | | | | 90 |
| Wet Bulb | 1121478 | 30438 | 34.91 | 0.945 | 877 | | 40.2 | | | | | 90 |
| Dew Point | 837749 | 25375 | 28.31 | 1.065 | 877 | 1.5 | 59.5 | | | | | 90 |

PSYCHROMETRIC SUMMARY

ALL

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|----------------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | *31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | .0 | .0 | | .0 | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | .0 | | | .1 | | | | | | | | 7 | 7 | | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | .1 | | .0 | .0 | .1 | .0 | | | | | | | 14 | 14 | | | | | | | | | | | | | | | |
| 68/ 67 | | | | .0 | .0 | .1 | .0 | .1 | .1 | .0 | | .0 | | | | | | 25 | 25 | | | | | | | | | | | | | | | |
| 66/ 65 | | | | .0 | .2 | .1 | .2 | .1 | .1 | .0 | | | | | | | | 55 | 55 | | | | | | | | | | | | | | | |
| 64/ 63 | | | .1 | .3 | .2 | .2 | .3 | .2 | .0 | .0 | | | | | | | | 87 | 87 | | | | | | | | | | | | | | | |
| 62/ 61 | | .0 | .2 | .2 | .1 | .2 | .2 | .2 | .0 | | | | | | | | | 81 | 81 | | | | | | | | | | | | | | | |
| 60/ 59 | | .2 | .4 | .3 | .2 | .3 | .2 | .1 | .1 | | .0 | | | | | | | 120 | 120 | 25 | 1 | | | | | | | | | | | | | |
| 58/ 57 | .0 | .3 | .7 | .2 | .3 | .3 | .3 | .1 | .1 | .0 | | | | | | | | 179 | 179 | 71 | 12 | | | | | | | | | | | | | |
| 56/ 55 | .0 | .5 | .5 | .2 | .5 | .3 | .2 | .1 | | | | | | | | | | 164 | 164 | 128 | 44 | | | | | | | | | | | | | |
| 54/ 53 | .0 | .5 | .4 | .5 | .4 | .4 | .4 | .2 | .0 | | | | | | | | | 201 | 201 | 154 | 105 | | | | | | | | | | | | | |
| 52/ 51 | .0 | .5 | .0 | .5 | .0 | .5 | .1 | .2 | | | | | | | | | | 208 | 208 | 148 | 125 | | | | | | | | | | | | | |
| 50/ 49 | .1 | .7 | 1.0 | .9 | .5 | .5 | .2 | .1 | | | | | | | | | | 268 | 268 | 174 | 76 | | | | | | | | | | | | | |
| 48/ 47 | .2 | 1.2 | .9 | .8 | .7 | .3 | .3 | .0 | | | | | | | | | | 308 | 308 | 268 | 124 | | | | | | | | | | | | | |
| 46/ 45 | .0 | 1.3 | 1.4 | 1.3 | .7 | .7 | .1 | .0 | | | | | | | | | | 390 | 390 | 274 | 174 | | | | | | | | | | | | | |
| 44/ 43 | .0 | 1.3 | 2.1 | 1.0 | .7 | .3 | .0 | | | | | | | | | | | 386 | 386 | 315 | 149 | | | | | | | | | | | | | |
| 42/ 41 | .1 | 1.1 | 1.8 | 1.1 | .7 | .2 | .0 | | | | | | | | | | | 346 | 346 | 372 | 232 | | | | | | | | | | | | | |
| 40/ 39 | .2 | 2.3 | 2.8 | .9 | .6 | .2 | .0 | | | | | | | | | | | 502 | 502 | 373 | 295 | | | | | | | | | | | | | |
| 38/ 37 | .1 | 2.3 | 2.5 | 1.4 | .4 | .1 | | | | | | | | | | | | 488 | 488 | 555 | 322 | | | | | | | | | | | | | |
| 36/ 35 | .2 | 2.4 | 2.6 | 1.4 | .3 | .1 | | | | | | | | | | | | 500 | 500 | 521 | 406 | | | | | | | | | | | | | |
| 34/ 33 | .5 | 3.6 | 2.1 | 1.2 | .2 | .0 | | | | | | | | | | | | 576 | 570 | 585 | 444 | | | | | | | | | | | | | |
| 32/ 31 | .3 | 3.3 | 2.2 | .9 | .1 | | | | | | | | | | | | | 480 | 480 | 656 | 485 | | | | | | | | | | | | | |
| 30/ 29 | .3 | 3.0 | 2.1 | .6 | .1 | | | | | | | | | | | | | 438 | 438 | 575 | 538 | | | | | | | | | | | | | |
| 28/ 27 | .4 | 3.0 | 1.4 | .4 | .0 | | | | | | | | | | | | | 369 | 369 | 457 | 636 | | | | | | | | | | | | | |
| 26/ 25 | .2 | 1.8 | 1.0 | .3 | | | | | | | | | | | | | | 236 | 236 | 417 | 450 | | | | | | | | | | | | | |
| 24/ 23 | .2 | 1.5 | .8 | .1 | | | | | | | | | | | | | | 184 | 184 | 282 | 338 | | | | | | | | | | | | | |
| 22/ 21 | .1 | 1.1 | .4 | .0 | | | | | | | | | | | | | | 118 | 118 | 205 | 442 | | | | | | | | | | | | | |
| 20/ 19 | .3 | 1.3 | .4 | | | | | | | | | | | | | | | 144 | 144 | 150 | 452 | | | | | | | | | | | | | |
| 18/ 17 | .2 | .7 | .4 | | | | | | | | | | | | | | | 89 | 89 | 146 | 280 | | | | | | | | | | | | | |
| 16/ 15 | .2 | .5 | .3 | | | | | | | | | | | | | | | 72 | 72 | 74 | 255 | | | | | | | | | | | | | |
| 14/ 13 | .1 | .4 | .1 | | | | | | | | | | | | | | | 40 | 40 | 73 | 194 | | | | | | | | | | | | | |
| 12/ 11 | .0 | .7 | .1 | | | | | | | | | | | | | | | 40 | 40 | 44 | 142 | | | | | | | | | | | | | |
| 10/ 9 | .1 | .3 | .0 | | | | | | | | | | | | | | | 35 | 30 | 44 | 95 | | | | | | | | | | | | | |
| 8/ 7 | .1 | .2 | | | | | | | | | | | | | | | | 21 | 21 | 32 | 92 | | | | | | | | | | | | | |
| Element (X) | Σ X' | | | Σ X | | | X | e _x | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | TOTAL | | | | | | | | | | | | | |
| Rel Hum | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

14947
STATI

DI FUTT AFJ NF

Q-7.

113V

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, Y.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|------|------|-------|-------|-------|--------|---------|---------|----|----|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|----|
| | 0 | 1 | 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 | 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 6/ 5 | | | .1 | | | | | | | | | | | | | | | | | | 8 | 8 | 14 | 62 |
| 4/ 3 | | | .1 | | | | | | | | | | | | | | | | | | 5 | 5 | 8 | 58 |
| 2/ 1 | | | .1 | | | | | | | | | | | | | | | | | | 8 | 8 | 7 | 42 |
| 0/ -1 | | .0 | | | | | | | | | | | | | | | | | | | 1 | 1 | 5 | 35 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | | | 25 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | | | | 15 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | | | | 27 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | | | | 12 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Total | 3.7 | 30.4 | 28.9 | 14.3 | 7.3 | 4.3 | 2.3 | 1.4 | .5 | .2 | .1 | | | | | | | | | | 7194 | 7194 | 7194 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

14949
STATION

OFFUTT AFB NE
STATION NAME

1977
YEARS

DEC
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 58/ 57 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 56/ 55 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 54/ 53 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 52/ 51 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 2 | |
| 48/ 47 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 1 | 1 |
| 46/ 45 | | .2 | .1 | .1 | | | | | | | | | | | | | | 4 | 4 | 4 | 1 |
| 44/ 43 | .3 | .2 | .1 | | .1 | | | | | | | | | | | | | 7 | 7 | 5 | 7 |
| 42/ 41 | | .5 | .1 | .4 | | | | | | | | | | | | | | 11 | 11 | 5 | 2 |
| 40/ 39 | | .8 | .8 | .2 | .3 | | | | | | | | | | | | | 19 | 19 | 8 | 2 |
| 38/ 37 | .7 | .3 | 1.5 | .5 | | | | | | | | | | | | | | 24 | 24 | 11 | 11 |
| 36/ 35 | .4 | 2.3 | 1.2 | .4 | | | | | | | | | | | | | | 40 | 40 | 17 | 10 |
| 34/ 33 | 1.2 | 3.7 | 2.5 | .3 | | | | | | | | | | | | | | 71 | 71 | 37 | 17 |
| 32/ 31 | .4 | 4.5 | 2.3 | .1 | | | | | | | | | | | | | | 68 | 68 | 73 | 16 |
| 30/ 29 | .8 | 7.0 | 1.9 | .2 | | | | | | | | | | | | | | 92 | 92 | 87 | 54 |
| 28/ 27 | .4 | 5.8 | 2.9 | .1 | | | | | | | | | | | | | | 78 | 78 | 90 | 87 |
| 26/ 25 | .8 | 6.2 | 1.3 | | | | | | | | | | | | | | | 77 | 77 | 66 | 74 |
| 24/ 23 | .4 | 3.9 | 1.3 | | | | | | | | | | | | | | | 52 | 52 | 80 | 61 |
| 22/ 21 | .6 | 4.0 | .4 | | | | | | | | | | | | | | | 47 | 47 | 59 | 63 |
| 20/ 19 | 1.3 | 3.5 | .6 | | | | | | | | | | | | | | | 51 | 51 | 52 | 67 |
| 18/ 17 | 1.3 | 5.9 | .6 | | | | | | | | | | | | | | | 73 | 73 | 50 | 62 |
| 16/ 15 | .7 | 4.0 | .6 | | | | | | | | | | | | | | | 51 | 51 | 77 | 46 |
| 14/ 13 | .8 | 2.8 | | | | | | | | | | | | | | | | 33 | 33 | 45 | 57 |
| 12/ 11 | .3 | 1.2 | .2 | | | | | | | | | | | | | | | 23 | 23 | 34 | 56 |
| 10/ 9 | .7 | .8 | .2 | | | | | | | | | | | | | | | 13 | 13 | 9 | 57 |
| 8/ 7 | .4 | 1.9 | .1 | | | | | | | | | | | | | | | 23 | 23 | 20 | 33 |
| 6/ 5 | | 1.8 | | | | | | | | | | | | | | | | 17 | 17 | 19 | 22 |
| 4/ 3 | .8 | 1.3 | | | | | | | | | | | | | | | | 19 | 19 | 20 | 20 |
| 2/ 1 | .4 | 1.0 | | | | | | | | | | | | | | | | 13 | 13 | 16 | 22 |
| 0/ -1 | .6 | .1 | | | | | | | | | | | | | | | | 7 | 7 | 13 | 18 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | 1 | 15 |
| -4/ -5 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 9 |
| -6/ -7 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 7 |
| -8/ -9 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 11 |
| Element (X) | Σ X ² | | Σ X | | X̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | |
| Rel. Hum | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (G.L.A.) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

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.8-77

MONTH

STATION

STATION NAME

YEARS

PAGE 6

0000-0200

HOURS (L S T)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

YEARS

OFFUTT AFB NE

Q-77

DEC
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
MIL 0-4
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

14940 31 FULTT AFB NF

14940

OF FUTT AFB NF

, 8-77

NEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0300-0500

HOURS (L, S, T.)

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

PAGE 1

DI FULTT AF, 3 MF

2-77

DEC

STATION

STATION NAME

YEARS

MONTH

0600-0400

HOURS (L, S, T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 56/ 55 | | .1 | .3 | | | | | | | | | | | | | | | 4 | 4 | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 52/ 51 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 1 | | | |
| 50/ 49 | .1 | | | | .1 | | | | | | | | | | | | | 2 | 2 | 1 | 2 | | | |
| 48/ 47 | | | | .1 | | | | | | | | | | | | | | 2 | 2 | | 3 | | | |
| 46/ 45 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | | | | | |
| 44/ 43 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 5 | 1 | | | |
| 42/ 41 | | | .1 | .3 | | | | | | | | | | | | | | 4 | 4 | 2 | 2 | | | |
| 40/ 39 | .2 | .2 | .1 | | | | | | | | | | | | | | | 5 | 5 | 3 | 4 | | | |
| 38/ 37 | .4 | .4 | .3 | | | | | | | | | | | | | | | 12 | 12 | 10 | 2 | | | |
| 36/ 35 | .7 | 1.2 | 1.1 | | | | | | | | | | | | | | | 23 | 23 | 6 | 5 | | | |
| 34/ 33 | .5 | 2.7 | 1.0 | .2 | | | | | | | | | | | | | | 47 | 47 | 30 | 10 | | | |
| 32/ 31 | .7 | 4.3 | 1.1 | .4 | | | | | | | | | | | | | | 67 | 67 | 34 | 21 | | | |
| 30/ 29 | .9 | 6.7 | 1.3 | .1 | | | | | | | | | | | | | | 79 | 79 | 33 | 27 | | | |
| 28/ 27 | 2.3 | 7.0 | .7 | | | | | | | | | | | | | | | 94 | 94 | 33 | 37 | | | |
| 26/ 25 | 1.7 | 6.1 | 1.3 | | | | | | | | | | | | | | | 87 | 87 | 31 | 32 | | | |
| 24/ 23 | 1.1 | 5.5 | .9 | | | | | | | | | | | | | | | 67 | 67 | 26 | 40 | | | |
| 22/ 21 | .6 | 6.7 | .2 | | | | | | | | | | | | | | | 70 | 70 | 23 | 62 | | | |
| 20/ 19 | .3 | 4.5 | .3 | | | | | | | | | | | | | | | 50 | 50 | 20 | 65 | | | |
| 18/ 17 | .9 | 3.2 | | | | | | | | | | | | | | | | 38 | 38 | 17 | 65 | | | |
| 16/ 15 | .3 | 3.7 | .0 | | | | | | | | | | | | | | | 45 | 45 | 14 | 68 | | | |
| 14/ 13 | 1.3 | 4.2 | | | | | | | | | | | | | | | | 51 | 51 | 12 | 40 | | | |
| 12/ 11 | 1.2 | 3.1 | | | | | | | | | | | | | | | | 40 | 40 | 18 | 42 | | | |
| 10/ 9 | .7 | 3.2 | | | | | | | | | | | | | | | | 38 | 38 | 16 | 54 | | | |
| 8/ 7 | .3 | 1.5 | | | | | | | | | | | | | | | | 17 | 17 | 19 | 43 | | | |
| 6/ 5 | .1 | 1.0 | | | | | | | | | | | | | | | | 16 | 16 | 14 | 34 | | | |
| 4/ 3 | .4 | .8 | | | | | | | | | | | | | | | | 11 | 11 | 21 | 20 | | | |
| 2/ 1 | .3 | 1.3 | | | | | | | | | | | | | | | | 15 | 15 | 10 | 15 | | | |
| 0/ -1 | .3 | .2 | | | | | | | | | | | | | | | | 10 | 10 | 16 | 25 | | | |
| -2/ -3 | 1.1 | .1 | | | | | | | | | | | | | | | | 11 | 11 | 13 | 20 | | | |
| -4/ -5 | .3 | .2 | | | | | | | | | | | | | | | | 9 | 9 | 9 | 8 | | | |
| -6/ -7 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 10 | | | |
| -8/ -9 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 12 | | | |
| -10/-11 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 10 | | | |
| Element (X) | Σ X ² | | | | Σ X | | X̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | |
| Rel. Hum | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14940 OFFUTT AFB NE STATION NAME

8-77

YEARS

DEC MONTH

PAGE 2 0600-0800 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 12/-13 | | | | | | | | | | | | | | | | | | | | | 9 | | | | |
| 14/-15 | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 16/-17 | | | | | | | | | | | | | | | | | | | | | 6 | | | | |
| 18/-19 | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 20/-21 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| 24/-25 | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| TOTAL | 10.7 | 69.4 | 10.2 | 1.4 | .1 | | | | | | | | | | | | | 930 | 930 | 930 | | | | | |

| Element (A) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|
| | | | | | | $\leq 0^\circ F$ | $\leq 32^\circ F$ | $\geq 67^\circ F$ | $\geq 73^\circ F$ | $\geq 80^\circ F$ | $\geq 93^\circ F$ | |
| Rel Hum | 5824920 | 72818 | 78.3 | 1.573 | 93 | | | | | | | 93 |
| Dry Bulb | 543264 | 20208 | 21.7 | .589 | 93 | 4.0 | 82.5 | | | | | 93 |
| Wet Bulb | 482048 | 18964 | 20.4 | .194 | 93 | 4.8 | 80.6 | | | | | 93 |
| Dew Point | 364701 | 14727 | 15.8 | .901 | 93 | 11.1 | 90.0 | | | | | 93 |

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DI FUTT AF3 NF

2-71

DEC
MONTH

PAGE 1 0700-1100
HOURS (L. S. T.)

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USAFETAC FORM 0-26-5 (O.L.A.)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

YEARS

8-77

NEC

MONTH

HOURS (L., S., T.)

[illegible]

USAFETAC FORM 0-26-5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAF

PSYCHROMETRIC SUMMARY

14947 OFFUTT AFB NE

9-77

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | |
|-------------|-------------------------------------|-----|-------|-----|------|------|-------|-------|---------|-------|------------------------------------|--------|--------|--------|--------|--------|-----|----------|----------|-----------|-------|--|--|--|--|--|--|--|--|--|--|--|--|--------------------|-------|-----|-----|----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | |
| -2/-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 |
| -4/-5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 |
| -6/-7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| -8/-9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 4.7 | 1.0 | 2.0 | 3.1 | 2.8 | 5.0 | 4.2 | 1.9 | .9 | .5 | | .1 | | | | | | | | | | | | | | | | | | | | | | | 930 | 930 | 930 | |
| Element (X) | Σ x ² | | Σ x | | Σ | | Σ | | No. Obs | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | | | | | | | | | | | | | | |
| Rel Hum | 4208261 | | 61039 | | 65.6 | | 10.7 | | 93 | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | 93 | | | | | | | | | | | | | | | | | |
| Dry Bulb | 968050 | | 27888 | | 30.0 | | 1.9 | | 93 | | .5 | 54.0 | .1 | | | | | | | | 93 | | | | | | | | | | | | | | | | | |
| Wet Bulb | 747684 | | 24022 | | 26.5 | | 1.55 | | 93 | | 1.1 | 68.4 | | | | | | | | | 93 | | | | | | | | | | | | | | | | | |
| Dew Point | 400363 | | 17637 | | 19.0 | | 1.64 | | 93 | | 0.7 | 80.1 | | | | | | | | | 93 | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

346

YEARS

MONTH

1500-1700
HOURS (L. S. T.)

| Temp (F) | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------|--------------|-------------------------------------|-----|-----------|-----|------------|------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|-------|--|-------|--|--|
| | | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | .1 | | | | .1 | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 62/ 61 | | | | .1 | | | | | | .1 | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | .1 | .1 | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | .1 | | | .2 | .2 | .1 | | | | | | | | | 6 | 6 | | | | | | | | | | | | | | | |
| 56/ 55 | | | | .1 | .4 | | | .3 | .4 | | | | | | | | | | 12 | 12 | 3 | | | | | | | | | | | | | | |
| 54/ 53 | | .2 | | .1 | .4 | .4 | | .1 | .2 | .1 | | | | | | | | | 15 | 15 | | | | | | | | | | | | | | | |
| 52/ 51 | | .1 | | .2 | .3 | .6 | .6 | .2 | | | | | | | | | | | 20 | 20 | 3 | | | | | | | | | | | | | | |
| 50/ 49 | .1 | | | .2 | .3 | .4 | | .1 | | | | | | | | | | | 11 | 11 | 3 | 7 | | | | | | | | | | | | | |
| 48/ 47 | .1 | | .1 | .3 | .6 | .6 | | .1 | | | | | | | | | | | 19 | 19 | 12 | 1 | | | | | | | | | | | | | |
| 46/ 45 | .1 | | .6 | .6 | .9 | .3 | | | | | | | | | | | | | 24 | 24 | 11 | 2 | | | | | | | | | | | | | |
| 44/ 43 | | .2 | .4 | .5 | .4 | .2 | .3 | | | | | | | | | | | | 20 | 20 | 10 | 2 | | | | | | | | | | | | | |
| 42/ 41 | | .4 | 1.0 | .6 | .6 | .3 | .1 | | | | | | | | | | | | 29 | 29 | 27 | 5 | | | | | | | | | | | | | |
| 40/ 39 | | .3 | 1.6 | 1.4 | 1.3 | .4 | | | | | | | | | | | | | 47 | 47 | 35 | 9 | | | | | | | | | | | | | |
| 38/ 37 | .1 | .4 | 2.0 | 2.3 | .2 | .2 | | | | | | | | | | | | | 52 | 52 | 21 | 12 | | | | | | | | | | | | | |
| 36/ 35 | .3 | 2.0 | 2.4 | 1.6 | .4 | .2 | | | | | | | | | | | | | 65 | 65 | 43 | 17 | | | | | | | | | | | | | |
| 34/ 33 | .4 | 3.4 | 3.4 | .6 | .3 | .1 | | | | | | | | | | | | | 77 | 77 | 72 | 19 | | | | | | | | | | | | | |
| 32/ 31 | .4 | 4.0 | 3.1 | .6 | .5 | | | | | | | | | | | | | | 62 | 82 | 109 | 40 | | | | | | | | | | | | | |
| 30/ 29 | .3 | 4.4 | 1.7 | 1.0 | | | | | | | | | | | | | | | 69 | 69 | 100 | 58 | | | | | | | | | | | | | |
| 28/ 27 | .9 | 3.2 | 2.3 | 1.0 | | | | | | | | | | | | | | | 68 | 68 | 72 | 98 | | | | | | | | | | | | | |
| 26/ 25 | | 2.8 | 1.6 | .9 | | | | | | | | | | | | | | | 49 | 49 | 71 | 96 | | | | | | | | | | | | | |
| 24/ 23 | .5 | 1.7 | 1.1 | .5 | | | | | | | | | | | | | | | 36 | 36 | 46 | 65 | | | | | | | | | | | | | |
| 22/ 21 | .1 | 3.5 | 1.2 | | | | | | | | | | | | | | | | 45 | 45 | 51 | 68 | | | | | | | | | | | | | |
| 20/ 19 | .1 | 3.0 | 1.3 | .2 | | | | | | | | | | | | | | | 43 | 43 | 49 | 63 | | | | | | | | | | | | | |
| 18/ 17 | | 1.6 | 1.2 | | | | | | | | | | | | | | | | 26 | 26 | 36 | 39 | | | | | | | | | | | | | |
| 16/ 15 | | 1.7 | .8 | | | | | | | | | | | | | | | | 25 | 25 | 32 | 50 | | | | | | | | | | | | | |
| 14/ 13 | | 1.6 | .6 | | | | | | | | | | | | | | | | 22 | 22 | 30 | 34 | | | | | | | | | | | | | |
| 12/ 11 | | 1.5 | .5 | | | | | | | | | | | | | | | | 19 | 19 | 24 | 45 | | | | | | | | | | | | | |
| 10/ 9 | .4 | 1.0 | .3 | | | | | | | | | | | | | | | | 14 | 14 | 15 | 34 | | | | | | | | | | | | | |
| 8/ 7 | .1 | .8 | .2 | | | | | | | | | | | | | | | | 10 | 10 | 12 | 42 | | | | | | | | | | | | | |
| 6/ 5 | | .0 | | | | | | | | | | | | | | | | | 6 | 6 | 9 | 32 | | | | | | | | | | | | | |
| 4/ 3 | | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 8 | 12 | | | | | | | | | | | | | |
| 2/ 1 | | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 5 | 14 | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel Hum | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

8-77

YEARS

DEC
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|-------------|-------------------------------------|------|-----|------|-----|-----|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-----|----------|----------|-----------|--------------------|-------|--|--|
| | 0 | 1 | 2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-1 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 0/-1 | | | .6 | | | | | | | | | | | | | | | | | 2 | 2 | 1 | 11 | | |
| -2/-3 | | | | | | | | | | | | | | | | | | | | | | 1 | 10 | | |
| -4/-5 | | | | | | | | | | | | | | | | | | | | | | | 8 | | |
| -6/-7 | | .1 | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 | | |
| -8/-9 | | .1 | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 6 | | |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | | | 6 | | |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| TOTAL | 4.0 | 39.8 | 7.0 | 13.2 | 7.0 | 4.1 | 1.7 | 1.4 | .4 | .1 | | .1 | | | | | | | 930 | 930 | | 930 | | | |

| Element (X) | Σx' | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|-------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel Hum. | 410960 | 60264 | 64.03 | 7.232 | 930 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 1012443 | 28073 | 30.81 | 1.513 | 930 | .5 | 52.5 | .1 | | | | 93 |
| Wet Bulb | 770399 | 25245 | 27.11 | 0.012 | 930 | .5 | 67.4 | | | | | 93 |
| Dew Point | 475080 | 18044 | 19.41 | 1.599 | 930 | 6.0 | 25.6 | | | | | 93 |

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14940 DT FULTT AFB NE

14940
STATION

DEFUTT AFB NE

STATION NAME

. 2-77

YEARS

DEC
MONTH

PAGE 2

1800-2000
HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 10/-11 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 7 | | | | |
| 12/-13 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 2 | | | | |
| 14/-15 | | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| 16/-17 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 18/-19 | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 22/-23 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 24/-25 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| TOTAL | 6.75 | 3.72 | 6.3 | 6.5 | 3.0 | 1.3 | .4 | .1 | | | | | | | | | | 930 | 770 | 930 | 430 | | | | |

| Element (X) | ΣX^2 | ΣX | \bar{X} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel Hum | 4841036 | 65748 | 70.71 | 4.504 | 93 | | | | | | | |
| Dry Bulb | 800979 | 25413 | 27.31 | 0.709 | 93 | 1.5 | 62.3 | | | | | 93 |
| Wet Bulb | 600028 | 23032 | 24.6 | 0.822 | 93 | 1.6 | 75.9 | | | | | 93 |
| Dew Point | 444524 | 17248 | 18.51 | 1.503 | 93 | 7.1 | 86.0 | | | | | 93 |

4

4

Q-77

DEC.

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L, S, T.)

USAFETAC
FORM 0-26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

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• 8-77

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

2100-2300

HOURS (L, S, T)

USAFETAC FORM 0-26 5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

HOURS (L, S, T)

[illegible]

| | |
|---------|---------------|
| 14940 | DEPUTY AFJ NF |
| STATION | STATION NAME |

2-71

14949
STAT

DEFUTT AFB NF

2-71

YEARS

nLC

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|-------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 0/-1 | .6 | .1 | | | | | | | | | | | | | | | | 55 | 55 | 87 | 141 | | | | | | | | | | | |
| -2/-3 | .5 | .1 | | | | | | | | | | | | | | | | 32 | 32 | 59 | 128 | | | | | | | | | | | |
| -4/-5 | .4 | .1 | | | | | | | | | | | | | | | | 27 | 27 | 27 | 69 | | | | | | | | | | | |
| -6/-7 | .2 | .0 | | | | | | | | | | | | | | | | 18 | 18 | 20 | 73 | | | | | | | | | | | |
| -8/-9 | .1 | | | | | | | | | | | | | | | | | 9 | 9 | 9 | 63 | | | | | | | | | | | |
| -10/-11 | .1 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 67 | | | | | | | | | | | |
| -12/-13 | .1 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 28 | | | | | | | | | | | |
| -14/-15 | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 29 | | | | | | | | | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 25 | | | | | | | | | | | |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 29 | | | | | | | | | | | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| TOTAL | 11.5 | 57.5 | 0.1 | 6.1 | 2.6 | 1.4 | .6 | .3 | .1 | .0 | .0 | .0 | | | | | | 1440 | 740 | 1440 | 740 | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel Hum | 40970977 | 540861 | 72.7 | 14.944 | 744 | | | | | | | |
| Dry Bulb | 5903522 | 191600 | 25.8 | 1.415 | 744 | 15.9 | 547.9 | .2 | | | | 144 |
| Wet Bulb | 4891475 | 174667 | 23.5 | 1.311 | 744 | 20.0 | 625.0 | | | | | 144 |
| Dew Point | 3344914 | 131298 | 17.6 | 1.754 | 744 | 57.4 | 701.4 | | | | | 144 |

14947 DEFUTT AFM INF
STATION

ALL
MONTH
ALL
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DAY-BUILD TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14947 DIFUTI AFB IN

19-70

| STATION | STATION NAME | YEARS | | | | | | | | | | | |
|-----------|---|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| HRS (LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| 00-02 | MEAN 16.7 S D 13.582 TOTAL OBS 930 | 24.5 11.852 846 | 34.0 11.030 930 | 47.8 9.780 900 | 57.9 9.259 930 | 66.6 7.275 900 | 71.1 6.219 929 | 68.7 5.554 930 | 60.5 8.641 900 | 49.1 7.710 930 | 35.6 10.503 900 | 23.9 10.417 930 | 46.5 20.662 10955 |
| 03-05 | MEAN 15.6 S D 13.947 TOTAL OBS 930 | 22.9 11.937 846 | 32.1 10.805 930 | 45.7 9.888 900 | 55.2 9.466 930 | 63.7 7.196 900 | 68.5 6.235 930 | 66.3 5.540 930 | 58.4 8.815 900 | 46.8 9.607 930 | 34.0 10.648 900 | 22.6 10.723 930 | 44.4 20.250 10956 |
| 06-08 | MEAN 14.6 S D 13.894 TOTAL OBS 930 | 21.9 11.889 846 | 31.4 10.884 930 | 45.5 9.890 900 | 55.9 9.457 930 | 66.0 7.116 900 | 70.1 6.357 930 | 67.1 5.557 930 | 58.3 8.879 900 | 46.0 9.913 930 | 33.2 10.551 900 | 21.7 10.589 930 | 44.5 21.085 10956 |
| 09-11 | MEAN 17.3 S D 13.963 TOTAL OBS 929 | 26.1 12.644 846 | 36.8 11.717 930 | 53.0 10.800 900 | 64.5 9.700 930 | 74.0 7.513 900 | 78.2 6.937 929 | 75.0 6.412 930 | 66.7 8.915 900 | 54.0 10.195 930 | 38.1 11.021 900 | 24.7 11.069 930 | 50.9 23.080 10954 |
| 12-14 | MEAN 22.8 S D 14.063 TOTAL OBS 930 | 32.1 13.683 846 | 42.8 13.338 930 | 58.8 11.904 900 | 69.5 9.510 930 | 79.4 9.230 900 | 83.5 7.688 930 | 81.4 7.095 930 | 72.5 9.788 900 | 60.8 11.624 930 | 43.9 12.348 900 | 30.0 11.910 930 | 66.6 23.400 10956 |
| 15-17 | MEAN 24.4 S D 13.917 TOTAL OBS 930 | 34.1 13.978 846 | 44.8 13.895 930 | 60.8 12.061 900 | 70.7 9.533 930 | 81.0 9.270 900 | 84.9 7.761 930 | 82.7 7.042 930 | 73.7 10.193 900 | 61.0 11.767 930 | 44.6 12.476 900 | 30.8 11.803 930 | 58.0 23.505 10956 |
| 18-20 | MEAN 21.1 S D 13.072 TOTAL OBS 930 | 30.0 12.154 846 | 41.1 12.725 930 | 57.1 11.087 900 | 67.3 9.802 930 | 77.3 7.800 900 | 80.9 7.185 930 | 77.9 6.231 930 | 68.3 9.238 900 | 56.1 10.325 930 | 40.3 11.056 900 | 27.3 10.709 930 | 53.8 22.765 10953 |
| 21-23 | MEAN 19.6 S D 13.209 TOTAL OBS 929 | 26.9 11.519 846 | 36.9 11.361 930 | 51.7 9.904 900 | 61.6 9.094 930 | 70.9 7.204 900 | 74.7 6.272 930 | 71.9 5.382 930 | 63.3 8.616 900 | 51.6 9.710 930 | 37.3 10.665 900 | 25.0 10.567 930 | 49.3 21.287 10952 |
| ALL HOURS | MEAN 18.9 S D 14.070 TOTAL OBS 7438 | 27.3 13.134 6768 | 37.5 12.891 7440 | 52.5 12.092 7200 | 62.9 10.359 7440 | 72.4 9.764 7200 | 76.5 9.059 7438 | 74.0 8.579 7440 | 65.2 10.764 7200 | 53.3 11.773 7440 | 38.4 11.873 7194 | 25.8 11.415 7440 | 50.5 22.593 87638 |

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14949 OFFUTT AFB NE

CR-76

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | |
|-----------|-----------|--------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|
| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | | | | | | | | | | | |
| 00-02 | MEAN | 15.4 | 22.5 | 31.2 | 43.1 | 53.0 | 60.6 | 65.1 | 64.0 | 56.3 | 44.7 | 37.1 | 22.2 | 42.7 | | | | | | | | | | | |
| | S D | 12.979 | 11.011 | 10.002 | 8.954 | 7.920 | 6.597 | 5.378 | 5.134 | 8.174 | 8.880 | 9.884 | 9.876 | 19.042 | | | | | | | | | | | |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 929 | 930 | 900 | 930 | 900 | 930 | 10955 | | | | | | | | | | | |
| 03-05 | MEAN | 14.3 | 21.2 | 29.7 | 41.5 | 51.5 | 59.1 | 63.6 | 62.5 | 54.9 | 43.2 | 31.6 | 21.1 | 41.3 | | | | | | | | | | | |
| | S D | 13.251 | 11.219 | 10.006 | 9.275 | 8.201 | 6.730 | 5.558 | 5.240 | 8.465 | 9.039 | 10.111 | 10.186 | 19.023 | | | | | | | | | | | |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 | | | | | | | | | | | |
| 06-08 | MEAN | 13.5 | 20.4 | 29.7 | 41.7 | 52.6 | 60.5 | 64.7 | 63.1 | 55.0 | 42.7 | 30.9 | 20.4 | 41.3 | | | | | | | | | | | |
| | S D | 13.337 | 11.258 | 10.090 | 9.260 | 8.119 | 6.488 | 5.392 | 5.094 | 8.577 | 9.934 | 10.070 | 10.184 | 19.635 | | | | | | | | | | | |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 | | | | | | | | | | | |
| 09-11 | MEAN | 15.7 | 23.5 | 32.9 | 46.2 | 56.8 | 64.3 | 68.3 | 67.3 | 59.6 | 47.6 | 34.4 | 22.7 | 45.1 | | | | | | | | | | | |
| | S D | 13.165 | 11.396 | 10.081 | 9.212 | 7.704 | 6.293 | 5.161 | 4.823 | 7.951 | 8.526 | 10.077 | 10.254 | 20.009 | | | | | | | | | | | |
| | TOTAL OBS | 928 | 846 | 930 | 900 | 930 | 900 | 929 | 930 | 900 | 930 | 900 | 930 | 10953 | | | | | | | | | | | |
| 12-14 | MEAN | 20.1 | 27.7 | 36.5 | 49.1 | 58.9 | 66.0 | 69.9 | 69.3 | 61.8 | 50.6 | 37.9 | 26.5 | 48.0 | | | | | | | | | | | |
| | S D | 12.665 | 11.286 | 10.459 | 9.140 | 7.745 | 6.262 | 5.411 | 5.083 | 7.932 | 8.559 | 10.278 | 10.155 | 19.250 | | | | | | | | | | | |
| | TOTAL OBS | 928 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10954 | | | | | | | | | | | |
| 15-17 | MEAN | 21.3 | 29.1 | 37.7 | 49.8 | 59.1 | 66.2 | 70.1 | 69.6 | 61.8 | 50.9 | 38.2 | 27.1 | 48.5 | | | | | | | | | | | |
| | S D | 12.358 | 11.174 | 10.464 | 8.882 | 7.511 | 6.212 | 5.468 | 5.074 | 7.910 | 8.604 | 10.254 | 10.012 | 18.890 | | | | | | | | | | | |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 | | | | | | | | | | | |
| 18-20 | MEAN | 19.0 | 26.7 | 35.7 | 48.1 | 57.4 | 65.0 | 69.2 | 68.2 | 59.9 | 48.3 | 35.8 | 24.8 | 46.6 | | | | | | | | | | | |
| | S D | 12.275 | 10.605 | 10.371 | 8.735 | 7.374 | 6.196 | 5.599 | 5.102 | 7.924 | 8.540 | 9.953 | 9.822 | 19.189 | | | | | | | | | | | |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 897 | 930 | 10953 | | | | | | | | | | | |
| 21-23 | MEAN | 16.9 | 24.4 | 33.2 | 45.4 | 55.0 | 62.7 | 66.9 | 65.7 | 57.8 | 46.1 | 33.9 | 23.1 | 44.4 | | | | | | | | | | | |
| | S D | 12.523 | 10.596 | 10.082 | 8.657 | 7.444 | 6.342 | 5.453 | 4.964 | 8.041 | 8.612 | 9.945 | 9.977 | 19.079 | | | | | | | | | | | |
| | TOTAL OBS | 929 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 897 | 930 | 10952 | | | | | | | | | | | |
| ALL HOURS | MEAN | 17.0 | 24.4 | 33.3 | 45.6 | 55.5 | 63.0 | 67.2 | 66.2 | 58.4 | 46.9 | 34.5 | 23.5 | 44.7 | | | | | | | | | | | |
| | S D | 13.086 | 11.449 | 10.608 | 9.524 | 8.228 | 6.879 | 5.922 | 5.705 | 8.537 | 9.188 | 10.385 | 10.311 | 19.456 | | | | | | | | | | | |
| | TOTAL OBS | 7435 | 6768 | 7440 | 7200 | 7440 | 7200 | 7438 | 7440 | 7200 | 7440 | 7194 | 7440 | 87635 | | | | | | | | | | | |

4
GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14949 01-FUTT AFB NE

08-70

| STATION | STATION NAME | YEARS | | | | | | | | | | | | |
|-----------|--------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-------------------------|
| HRS (LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | |
| 00-02 | MEAN S D TOTAL OBS | 9.2 15.520 930 | 17.1 17.341 846 | 26.2 10.903 930 | 37.4 10.508 900 | 48.7 9.499 930 | 56.5 7.806 900 | 61.4 6.233 929 | 61.1 5.952 930 | 53.0 9.265 900 | 39.9 10.034 930 | 27.9 11.425 900 | 17.2 11.423 930 | 38.1 20.412 10955 |
| 03-05 | MEAN S D TOTAL OBS | 8.3 15.842 930 | 16.1 17.580 846 | 25.3 10.965 930 | 36.7 10.665 900 | 43.0 9.324 930 | 55.3 7.667 900 | 60.6 6.220 930 | 60.1 5.923 930 | 52.2 9.346 900 | 39.1 10.076 930 | 27.1 11.620 900 | 16.4 11.688 930 | 37.2 20.500 10956 |
| 06-08 | MEAN S D TOTAL OBS | 7.6 15.977 930 | 15.3 17.818 846 | 24.8 11.050 930 | 37.0 10.525 900 | 42.8 9.286 930 | 56.7 7.419 900 | 61.4 6.037 930 | 60.6 5.697 930 | 52.3 9.387 900 | 38.3 10.859 930 | 26.5 11.625 900 | 15.8 11.901 930 | 37.2 20.996 10956 |
| 09-11 | MEAN S D TOTAL OBS | 8.9 15.930 928 | 17.2 17.859 846 | 26.4 11.207 930 | 38.9 11.078 900 | 50.8 9.609 930 | 58.2 7.866 900 | 63.0 6.508 929 | 62.5 5.756 930 | 54.5 9.684 900 | 41.2 10.787 930 | 29.6 11.757 900 | 17.1 11.978 930 | 39.1 21.200 10953 |
| 12-14 | MEAN S D TOTAL OBS | 11.6 15.099 928 | 19.1 17.345 846 | 27.5 11.672 930 | 39.5 11.517 900 | 51.0 10.165 930 | 58.2 8.279 900 | 63.0 7.447 930 | 63.1 6.668 930 | 54.6 10.331 900 | 41.2 10.364 930 | 29.4 12.151 900 | 19.0 11.641 930 | 39.9 20.629 10954 |
| 15-17 | MEAN S D TOTAL OBS | 12.7 14.685 930 | 19.9 17.056 846 | 27.8 11.692 930 | 39.3 11.345 900 | 50.5 10.287 930 | 57.7 8.470 900 | 62.7 7.644 930 | 62.9 6.927 930 | 53.8 10.523 900 | 40.7 10.782 930 | 29.4 12.199 900 | 19.4 11.599 930 | 39.8 20.243 10956 |
| 18-20 | MEAN S D TOTAL OBS | 11.8 14.902 930 | 19.4 17.923 846 | 27.7 11.496 930 | 38.8 11.084 900 | 49.8 10.006 930 | 57.5 8.341 900 | 63.0 7.431 930 | 62.9 6.693 930 | 53.8 10.044 900 | 40.3 10.512 930 | 28.9 11.906 897 | 18.5 11.583 930 | 39.5 20.360 10953 |
| 21-23 | MEAN S D TOTAL OBS | 10.5 14.942 929 | 18.5 17.042 846 | 27.2 11.232 930 | 38.5 10.545 900 | 49.4 9.502 930 | 57.2 7.983 900 | 62.5 6.671 930 | 62.0 6.064 930 | 53.6 9.554 900 | 40.0 10.092 930 | 28.3 11.665 897 | 17.6 11.797 930 | 38.9 20.397 10952 |
| ALL HOURS | MEAN S D TOTAL OBS | 10.1 15.435 7435 | 17.8 17.465 6768 | 26.6 11.326 1440 | 38.3 10.956 7200 | 49.6 9.762 7440 | 57.2 8.024 1200 | 62.2 6.853 7438 | 61.9 6.323 7440 | 53.5 9.810 1200 | 40.2 10.218 7440 | 28.2 11.331 7194 | 17.6 11.754 7440 | 38.7 20.619 87635 |

USAF ETAC FORM OCT 78 0-89.5 (OLA)

RELATIVE HUMIDITY

JAN

MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|-----|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 00-02 | 100.0 | 100.0 | 99.9 | 99.1 | 93.2 | 82.3 | 58.9 | 32.2 | 6.5 | 72.7 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.5 | 93.0 | 82.4 | 60.4 | 32.4 | 6.9 | 73.1 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.2 | 94.2 | 83.5 | 61.5 | 33.9 | 8.6 | 73.7 | 930 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 98.3 | 89.9 | 74.6 | 49.9 | 22.8 | 6.0 | 69.9 | 928 |
| | 12-14 | 100.0 | 100.0 | 99.2 | 93.8 | 77.4 | 58.2 | 31.9 | 13.9 | 2.8 | 63.2 | 928 |
| | 15-17 | 100.0 | 100.0 | 98.6 | 92.2 | 77.5 | 56.6 | 28.0 | 10.9 | 2.9 | 62.3 | 930 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 97.5 | 88.5 | 70.8 | 44.3 | 17.7 | 4.8 | 67.9 | 930 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.7 | 92.6 | 78.6 | 52.0 | 26.0 | 6.9 | 71.2 | 929 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.7 | 97.3 | 88.3 | 73.4 | 48.4 | 23.7 | 5.8 | 69.3 | 7435 |

RELATIVE HUMIDITY

F L B

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|------|------|------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 00-02 | 100.0 | 100.0 | 100.0 | 99.8 | 97.0 | 87.9 | 61.0 | 32.4 | 5.8 | 74.1 | 846 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.6 | 98.1 | 90.8 | 67.3 | 35.7 | 6.3 | 75.3 | 846 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.7 | 97.8 | 90.5 | 67.6 | 39.1 | 8.0 | 75.8 | 846 |
| | 09-11 | 100.0 | 100.0 | 99.9 | 98.1 | 91.0 | 76.5 | 48.7 | 27.5 | 5.9 | 69.9 | 846 |
| | 12-14 | 100.0 | 99.9 | 96.2 | 90.1 | 74.0 | 50.5 | 29.5 | 11.5 | 1.9 | 60.5 | 846 |
| | 15-17 | 100.0 | 99.5 | 95.0 | 85.8 | 68.7 | 44.1 | 23.9 | 9.9 | 1.8 | 58.5 | 846 |
| | 18-20 | 100.0 | 100.0 | 99.1 | 94.3 | 87.0 | 66.4 | 41.4 | 15.8 | 2.2 | 66.0 | 846 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.9 | 94.0 | 82.2 | 54.5 | 25.7 | 4.7 | 71.4 | 846 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.8 | 95.8 | 88.5 | 73.6 | 48.8 | 24.2 | 4.6 | 68.9 | 6768 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14949 OFFUTT AFB NE

67-78

MAR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAR | 00-02 | 100.0 | 100.0 | 99.9 | 99.2 | 94.8 | 84.1 | 64.1 | 34.3 | 8.0 | 74.0 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 97.2 | 88.8 | 71.8 | 41.8 | 11.4 | 76.7 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 97.8 | 90.1 | 72.9 | 43.5 | 13.5 | 77.2 | 930 |
| | 09-11 | 100.0 | 100.0 | 98.9 | 95.1 | 84.4 | 66.0 | 42.2 | 21.1 | 9.4 | 67.6 | 930 |
| | 12-14 | 100.0 | 99.5 | 93.3 | 79.7 | 62.4 | 43.0 | 25.2 | 14.3 | 4.9 | 57.9 | 930 |
| | 15-17 | 100.0 | 98.6 | 88.0 | 74.3 | 56.7 | 37.3 | 21.5 | 12.7 | 4.8 | 55.0 | 930 |
| | 18-20 | 100.0 | 99.8 | 96.2 | 87.0 | 72.9 | 52.4 | 29.8 | 15.8 | 4.8 | 61.6 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.7 | 96.5 | 88.8 | 73.3 | 48.5 | 24.5 | 5.9 | 69.4 | 930 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.7 | 97.0 | 91.5 | 81.9 | 66.9 | 47.0 | 26.4 | 7.9 | 67.4 | 7440 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14949
STATION

OFFUTT AFB NE
STATION NAME

69-78
PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|------|------|------|------|------|------|-----|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| APR | 00-02 | 100.0 | 100.0 | 99.3 | 95.4 | 86.6 | 70.2 | 49.3 | 25.0 | 6.9 | 68.9 | 900 |
| | 03-05 | 100.0 | 100.0 | 99.7 | 98.3 | 93.7 | 79.8 | 60.9 | 33.7 | 9.7 | 73.2 | 900 |
| | 06-08 | 100.0 | 100.0 | 99.9 | 98.4 | 94.4 | 81.2 | 61.3 | 32.3 | 9.7 | 73.2 | 900 |
| | 09-11 | 100.0 | 99.6 | 96.4 | 87.2 | 70.0 | 50.3 | 30.8 | 14.7 | 5.2 | 61.1 | 900 |
| | 12-14 | 100.0 | 96.8 | 87.4 | 68.3 | 46.4 | 32.1 | 21.4 | 11.2 | 3.3 | 52.5 | 900 |
| | 15-17 | 100.0 | 95.8 | 81.3 | 58.3 | 41.1 | 28.1 | 18.9 | 10.0 | 2.6 | 49.3 | 900 |
| | 18-20 | 100.0 | 98.2 | 89.7 | 70.9 | 49.4 | 36.0 | 23.2 | 12.3 | 3.4 | 54.1 | 900 |
| | 21-23 | 100.0 | 100.0 | 97.9 | 89.6 | 72.8 | 53.3 | 36.3 | 18.9 | 5.1 | 63.0 | 900 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.8 | 94.0 | 83.3 | 69.3 | 53.9 | 37.8 | 19.8 | 5.7 | 61.9 | 7200 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

MAY

STATION

STATION NAME

PERIOD

MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 100.0 | 100.0 | 98.4 | 93.3 | 80.4 | 56.3 | 30.9 | 10.2 | 72.7 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.7 | 97.8 | 91.6 | 73.8 | 42.0 | 11.9 | 77.3 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.7 | 97.6 | 87.5 | 65.4 | 34.2 | 8.0 | 75.0 | 930 |
| | 09-11 | 100.0 | 100.0 | 99.2 | 93.8 | 77.3 | 53.5 | 32.0 | 14.1 | 2.9 | 62.8 | 930 |
| | 12-14 | 100.0 | 99.9 | 95.1 | 75.7 | 53.4 | 33.3 | 19.5 | 7.4 | 2.4 | 54.3 | 930 |
| | 15-17 | 100.0 | 99.7 | 90.5 | 67.7 | 45.7 | 28.3 | 17.0 | 8.3 | 2.5 | 51.6 | 930 |
| | 18-20 | 100.0 | 99.9 | 95.5 | 77.8 | 55.4 | 37.8 | 22.9 | 10.8 | 3.3 | 56.0 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.4 | 94.8 | 82.0 | 61.3 | 41.0 | 19.9 | 5.8 | 55.1 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 97.9 | 97.5 | 88.5 | 75.3 | 59.2 | 41.0 | 21.0 | 5.9 | 64.5 | 7440 |

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14949
STATION

DEPUTT AFB NE
STATION NAME

69-78
PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|------|------|------|------|------|-----|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00-02 | 100.0 | 100.0 | 100.0 | 98.8 | 94.2 | 76.4 | 51.6 | 24.7 | 4.2 | 70.8 | 900 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 99.2 | 98.0 | 90.1 | 69.0 | 38.3 | 6.6 | 76.0 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.7 | 97.4 | 83.4 | 59.4 | 28.0 | 2.8 | 72.8 | 900 |
| | 09-11 | 100.0 | 100.0 | 99.8 | 92.6 | 72.4 | 43.3 | 19.0 | 6.1 | .1 | 59.0 | 900 |
| | 12-14 | 100.0 | 100.0 | 95.4 | 71.1 | 45.2 | 22.0 | 8.7 | 1.2 | .1 | 50.0 | 900 |
| | 15-17 | 100.0 | 99.6 | 90.9 | 61.4 | 34.3 | 16.1 | 5.8 | 1.1 | .3 | 46.7 | 900 |
| | 18-20 | 100.0 | 100.0 | 96.2 | 76.6 | 48.3 | 26.7 | 11.6 | 3.9 | .1 | 52.1 | 900 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 96.2 | 79.7 | 53.3 | 32.6 | 11.9 | 1.4 | 63.2 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 97.8 | 87.0 | 71.2 | 51.4 | 32.2 | 14.4 | 2.0 | 61.3 | 7200 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

JUL

STATION

STATION NAME

PERIOD

MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|-----|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 00-02 | 100.0 | 100.0 | 100.0 | 99.6 | 97.3 | 82.9 | 57.1 | 27.0 | 2.7 | 72.1 | 929 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 91.1 | 71.5 | 41.1 | 4.0 | 76.4 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 98.3 | 88.3 | 63.8 | 34.6 | 3.1 | 74.5 | 930 |
| | 09-11 | 100.0 | 100.0 | 99.6 | 94.0 | 76.1 | 48.5 | 25.1 | 9.0 | .5 | 60.9 | 929 |
| | 12-14 | 100.0 | 99.5 | 93.9 | 77.3 | 53.1 | 27.3 | 10.6 | 3.3 | .2 | 51.9 | 930 |
| | 15-17 | 100.0 | 99.1 | 91.6 | 67.8 | 44.2 | 22.7 | 8.0 | 3.2 | .3 | 49.2 | 930 |
| | 18-20 | 100.0 | 99.9 | 98.2 | 86.7 | 62.7 | 37.1 | 17.3 | 5.3 | .1 | 56.2 | 930 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.8 | 89.9 | 67.4 | 39.0 | 15.2 | 1.4 | 66.6 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.8 | 97.9 | 90.5 | 77.6 | 58.2 | 36.6 | 17.3 | 1.5 | 63.5 | 7438 |

USAFETAC

FORM
111-66

0-87-5 (OL A)

RELATIVE HUMIDITY

MONTH

FORM
JUL 64

0.87.5 (OL A)

RELATIVE HUMIDITY

AUG
MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OAS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 00-02 | 100.0 | 100.0 | 100.0 | 99.8 | 98.3 | 92.9 | 74.6 | 41.4 | 6.7 | 77.1 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.7 | 98.9 | 95.9 | 85.8 | 56.6 | 10.9 | 80.7 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.6 | 83.2 | 52.7 | 10.5 | 80.0 | 930 |
| | 09-11 | 100.0 | 100.0 | 99.7 | 98.1 | 88.0 | 62.6 | 34.4 | 12.6 | 1.9 | 65.4 | 930 |
| | 12-14 | 100.0 | 99.9 | 98.1 | 86.8 | 58.0 | 33.1 | 14.7 | 5.8 | .4 | 55.3 | 930 |
| | 15-17 | 100.0 | 99.8 | 97.0 | 86.5 | 49.8 | 28.4 | 11.3 | 4.6 | .2 | 52.8 | 930 |
| | 18-20 | 100.0 | 100.0 | 98.9 | 94.4 | 78.7 | 51.9 | 24.7 | 8.8 | .6 | 61.3 | 930 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.6 | 95.8 | 84.6 | 55.2 | 23.2 | 3.5 | 71.7 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.2 | 94.9 | 83.0 | 68.7 | 48.0 | 25.7 | 4.3 | 68.0 | 7440 |

RELATIVE HUMIDITY

OCT
MON

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JULY | 00-02 | 100.0 | 100.0 | 99.7 | 98.5 | 93.2 | 78.2 | 53.0 | 29.2 | 6.1 | 71.7 | 930 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 99.6 | 97.7 | 86.3 | 66.5 | 37.7 | 11.3 | 75.6 | 930 |
| | 06-08 | 100.0 | 100.0 | 99.9 | 99.7 | 97.4 | 89.6 | 69.6 | 42.5 | 10.9 | 76.7 | 930 |
| | 09-11 | 100.0 | 100.0 | 99.6 | 97.4 | 74.6 | 54.4 | 36.9 | 18.4 | 5.2 | 63.9 | 930 |
| | 12-14 | 100.0 | 99.6 | 89.4 | 64.3 | 44.1 | 30.3 | 19.1 | 9.4 | 2.7 | 51.7 | 930 |
| | 15-17 | 100.0 | 99.5 | 85.1 | 56.9 | 39.4 | 26.2 | 16.7 | 10.0 | 2.7 | 49.3 | 930 |
| | 18-20 | 100.0 | 99.9 | 96.9 | 82.3 | 60.9 | 40.4 | 25.7 | 12.9 | 3.5 | 58.1 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.5 | 96.2 | 83.9 | 60.0 | 39.4 | 20.9 | 4.5 | 66.3 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 96.3 | 86.2 | 73.9 | 58.2 | 40.9 | 22.6 | 5.9 | 64.2 | 7440 |

USAFETAC FORM JUL 64 0-87.5 (OL A)

RELATIVE HUMIDITY

STATION NAME

PERIOD

DEC
MONTH

| MONTH | HOURS (L S I) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|------------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 00-02 | 100.0 | 100.0 | 100.0 | 99.6 | 97.0 | 87.5 | 69.0 | 41.9 | 12.3 | 76.4 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.8 | 97.0 | 91.5 | 72.3 | 46.7 | 14.0 | 77.7 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 98.0 | 92.2 | 76.2 | 46.5 | 14.7 | 78.3 | 930 |
| | 09-11 | 100.0 | 100.0 | 99.7 | 98.2 | 93.0 | 82.3 | 64.1 | 35.9 | 10.8 | 73.8 | 930 |
| | 12-14 | 100.0 | 99.9 | 97.4 | 91.6 | 78.4 | 63.3 | 42.5 | 21.9 | 5.7 | 65.6 | 930 |
| | 15-17 | 100.0 | 99.8 | 97.4 | 89.8 | 75.9 | 61.3 | 41.7 | 20.1 | 4.7 | 64.6 | 930 |
| | 18-20 | 100.0 | 100.0 | 99.8 | 97.0 | 89.9 | 74.8 | 54.5 | 29.0 | 6.6 | 70.7 | 930 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.9 | 95.2 | 82.9 | 63.5 | 36.6 | 9.9 | 74.2 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.3 | 96.8 | 90.6 | 79.5 | 60.5 | 34.8 | 9.6 | 72.7 | 7440 |

FORM
JUL 64

0-87.5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14949
STATION

OFFUTT AFB NE

STATION NAME

68-78

PERIOD

ALL

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|-------|------|------|------|------|------|------|-----|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 100.0 | 99.7 | 97.3 | 88.3 | 73.4 | 48.4 | 23.7 | 5.8 | 69.3 | 7435 |
| FEB | | 100.0 | 99.9 | 98.8 | 95.8 | 88.5 | 73.6 | 48.8 | 24.2 | 4.6 | 68.9 | 6768 |
| MAR | | 100.0 | 99.7 | 97.0 | 91.5 | 81.9 | 66.9 | 47.0 | 26.4 | 7.9 | 67.4 | 7440 |
| APR | | 100.0 | 98.8 | 94.0 | 83.3 | 69.3 | 53.9 | 37.8 | 19.8 | 5.7 | 61.9 | 7200 |
| MAY | | 100.0 | 99.9 | 97.5 | 88.5 | 75.3 | 59.2 | 41.0 | 21.0 | 5.9 | 64.5 | 7440 |
| JUN | | 100.0 | 100.0 | 97.8 | 87.0 | 71.2 | 51.4 | 32.2 | 14.4 | 2.0 | 61.3 | 7200 |
| JUL | | 100.0 | 99.8 | 97.9 | 90.5 | 77.6 | 58.2 | 36.6 | 17.3 | 1.5 | 63.5 | 7438 |
| AUG | | 100.0 | 100.0 | 99.2 | 94.9 | 83.6 | 68.3 | 48.0 | 25.7 | 4.3 | 68.0 | 7440 |
| SEP | | 100.0 | 100.0 | 97.6 | 90.8 | 81.0 | 67.6 | 51.5 | 30.6 | 7.4 | 68.5 | 7200 |
| OCT | | 100.0 | 99.9 | 96.3 | 86.2 | 73.9 | 58.2 | 40.9 | 22.6 | 5.9 | 64.2 | 7440 |
| NOV | | 100.0 | 100.0 | 98.6 | 93.8 | 84.0 | 69.8 | 51.4 | 29.3 | 7.3 | 69.0 | 7194 |
| DEC | | 100.0 | 100.0 | 99.3 | 96.8 | 90.6 | 79.5 | 60.5 | 34.8 | 9.8 | 72.7 | 7440 |
| TOTALS | | 100.0 | 99.8 | 97.8 | 91.4 | 80.4 | 65.0 | 45.3 | 24.2 | 5.7 | 66.6 | 87635 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

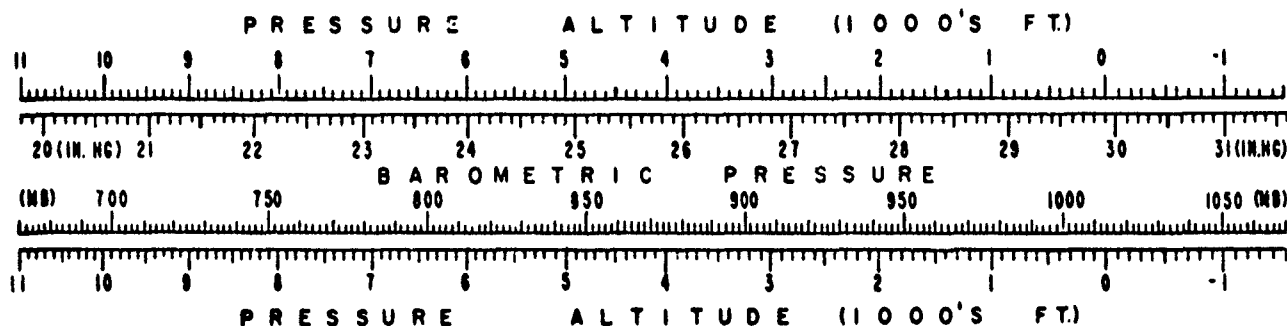
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

14949 OFFUTT AFB NE

68-78

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | |
|-----------|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN. | JUL | AUG | SEP. | OCT | NOV. | DEC | ANNUAL | |
| 00 | MEAN | 28.980 | 28.941 | 28.849 | 28.823 | 28.803 | 28.793 | 28.861 | 28.873 | 28.894 | 28.922 | 28.924 | 28.917 | 28.881 | |
| | S D | .262 | .251 | .249 | .220 | .175 | .154 | .107 | .117 | .171 | .201 | .230 | .249 | .212 | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | |
| 03 | MEAN | 28.981 | 28.935 | 28.839 | 28.816 | 28.797 | 28.790 | 28.856 | 28.871 | 28.892 | 28.920 | 28.919 | 28.910 | 28.877 | |
| | S D | .268 | .256 | .250 | .224 | .182 | .158 | .108 | .118 | .173 | .206 | .233 | .253 | .216 | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | |
| 06 | MEAN | 28.970 | 28.934 | 28.844 | 28.826 | 28.810 | 28.809 | 28.874 | 28.882 | 28.905 | 28.931 | 28.918 | 28.903 | 28.884 | |
| | S D | .270 | .256 | .252 | .228 | .181 | .163 | .111 | .120 | .176 | .211 | .235 | .256 | .217 | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | |
| 09 | MEAN | 28.994 | 28.955 | 28.866 | 28.842 | 28.832 | 28.821 | 28.888 | 28.899 | 28.922 | 28.952 | 28.941 | 28.929 | 28.903 | |
| | S D | .274 | .260 | .257 | .235 | .185 | .164 | .113 | .119 | .179 | .215 | .235 | .254 | .220 | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 309 | 310 | 300 | 310 | 300 | 310 | 3651 | |
| 12 | MEAN | 28.987 | 28.954 | 28.857 | 28.828 | 28.816 | 28.808 | 28.877 | 28.890 | 28.909 | 28.935 | 28.928 | 28.921 | 28.892 | |
| | S D | .272 | .259 | .261 | .236 | .183 | .162 | .112 | .119 | .179 | .214 | .234 | .250 | .220 | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | |
| 15 | MEAN | 28.943 | 28.909 | 28.815 | 28.789 | 28.781 | 28.775 | 28.848 | 28.856 | 28.867 | 28.890 | 28.888 | 28.886 | 28.854 | |
| | S D | .268 | .255 | .260 | .226 | .180 | .159 | .110 | .116 | .177 | .209 | .233 | .242 | .215 | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | |
| 18 | MEAN | 28.956 | 28.918 | 28.813 | 28.780 | 28.765 | 28.754 | 28.821 | 28.835 | 28.856 | 28.894 | 28.902 | 28.904 | 28.850 | |
| | S D | .263 | .250 | .256 | .218 | .175 | .154 | .110 | .116 | .177 | .207 | .232 | .237 | .214 | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 299 | 310 | 3651 | |
| 21 | MEAN | 28.974 | 28.938 | 28.841 | 28.816 | 28.789 | 28.777 | 28.845 | 28.859 | 28.885 | 28.917 | 28.921 | 28.918 | 28.873 | |
| | S D | .257 | .248 | .251 | .214 | .171 | .152 | .106 | .117 | .174 | .200 | .231 | .243 | .211 | |
| | TOTAL OBS | 309 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 299 | 310 | 3650 | |
| ALL HOURS | MEAN | 28.973 | 28.935 | 28.841 | 28.815 | 28.800 | 28.791 | 28.859 | 28.871 | 28.891 | 28.920 | 28.918 | 28.911 | 28.877 | |
| | S D | .267 | .254 | .255 | .226 | .180 | .159 | .111 | .119 | .177 | .208 | .233 | .248 | .216 | |
| | TOTAL OBS | 2479 | 2256 | 2480 | 2400 | 2480 | 2400 | 2479 | 2480 | 2400 | 2480 | 2398 | 2440 | 29212 | |

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

14949 OFFUTT AFB NE

68-78

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | |
|-----------|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | |
| 00 | MEAN | 1021.0 | 1019.2 | 1015.4 | 1013.8 | 1012.6 | 1011.9 | 1014.1 | 1014.7 | 1015.7 | 1017.1 | 1017.9 | 1018.4 | 1016.0 | |
| | S D | 9.739 | 9.182 | 9.202 | 7.895 | 6.277 | 5.499 | 3.887 | 4.209 | 6.212 | 7.346 | 8.373 | 9.113 | 7.929 | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | |
| 03 | MEAN | 1021.0 | 1018.9 | 1015.0 | 1013.5 | 1012.4 | 1011.8 | 1014.0 | 1014.6 | 1015.6 | 1017.1 | 1017.7 | 1018.1 | 1015.8 | |
| | S D | 9.955 | 9.401 | 9.264 | 8.038 | 6.567 | 5.616 | 3.887 | 4.196 | 6.289 | 7.440 | 8.470 | 9.335 | 8.061 | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | |
| 06 | MEAN | 1020.7 | 1018.9 | 1015.2 | 1014.0 | 1013.2 | 1012.5 | 1014.6 | 1015.0 | 1016.1 | 1017.6 | 1017.8 | 1017.9 | 1016.1 | |
| | S D | 10.022 | 9.428 | 9.296 | 8.231 | 6.548 | 5.776 | 4.032 | 4.289 | 6.390 | 7.630 | 8.545 | 9.370 | 8.047 | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | |
| 09 | MEAN | 1021.6 | 1019.7 | 1016.1 | 1014.5 | 1013.7 | 1012.9 | 1015.1 | 1015.6 | 1016.8 | 1018.3 | 1018.6 | 1018.9 | 1016.8 | |
| | S D | 10.159 | 9.534 | 9.443 | 8.418 | 6.667 | 5.797 | 4.087 | 4.356 | 6.519 | 7.781 | 8.520 | 9.264 | 8.174 | |
| | TOTAL OBS | 309 | 282 | 310 | 300 | 310 | 300 | 309 | 310 | 300 | 310 | 300 | 310 | 3650 | |
| 12 | MEAN | 1021.2 | 1019.6 | 1015.7 | 1013.9 | 1013.1 | 1012.4 | 1014.7 | 1015.2 | 1016.2 | 1017.6 | 1018.1 | 1018.5 | 1016.3 | |
| | S D | 10.081 | 9.510 | 9.622 | 8.422 | 6.575 | 5.756 | 4.038 | 4.221 | 6.518 | 7.737 | 8.516 | 9.116 | 8.162 | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | |
| 15 | MEAN | 1019.6 | 1018.0 | 1014.1 | 1012.6 | 1011.9 | 1011.3 | 1013.7 | 1014.0 | 1014.7 | 1016.1 | 1016.6 | 1017.3 | 1015.0 | |
| | S D | 9.992 | 9.423 | 9.549 | 8.059 | 6.514 | 5.645 | 3.991 | 4.147 | 6.419 | 7.560 | 8.441 | 8.826 | 8.000 | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 299 | 310 | 310 | 300 | 310 | 300 | 309 | 3650 | |
| 18 | MEAN | 1020.1 | 1018.4 | 1014.1 | 1012.3 | 1011.3 | 1010.6 | 1012.8 | 1013.3 | 1014.4 | 1016.3 | 1017.2 | 1018.0 | 1014.9 | |
| | S D | 9.740 | 9.159 | 9.436 | 7.842 | 6.300 | 5.483 | 3.967 | 4.135 | 6.405 | 7.299 | 8.197 | 8.699 | 8.008 | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 299 | 310 | 3651 | |
| 21 | MEAN | 1020.8 | 1019.1 | 1015.1 | 1013.6 | 1012.2 | 1011.4 | 1013.6 | 1014.2 | 1015.4 | 1017.1 | 1017.9 | 1018.5 | 1015.7 | |
| | S D | 9.581 | 9.088 | 9.279 | 7.700 | 6.133 | 5.379 | 3.833 | 4.182 | 6.313 | 7.261 | 8.399 | 8.837 | 7.909 | |
| | TOTAL OBS | 309 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 299 | 310 | 3650 | |
| ALL HOURS | MEAN | 1020.7 | 1019.0 | 1015.1 | 1013.5 | 1012.5 | 1011.8 | 1014.1 | 1014.6 | 1015.6 | 1017.1 | 1017.7 | 1018.2 | 1015.8 | |
| | S D | 9.914 | 9.344 | 9.396 | 8.097 | 6.482 | 5.657 | 4.019 | 4.264 | 6.418 | 7.531 | 8.464 | 9.072 | 8.059 | |
| | TOTAL OBS | 2478 | 2256 | 2480 | 2400 | 2480 | 2399 | 2479 | 2480 | 2400 | 2480 | 2398 | 2479 | 29209 | |